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

Tuesday, October 25, 2016
7:00 PM



- A. **CALL TO ORDER** at _____ P.M.
- B. **PLEDGE OF ALLEGIANCE TO THE FLAG**
- C. **ROLL CALL:** Steve Mann _____, Nancy Conzelman _____, Chuck Curmi _____,
Bob Doroshewitz _____, Ron Edwards _____, Mike Kelly _____,
Shannon Price _____

D. APPROVAL OF AGENDA

Regular Meeting - Tuesday, October 25, 2016

E. APPROVAL OF CONSENT AGENDA

E.1 Approval of Minutes:

Regular Meeting - October 11, 2016

E.2 Acceptance of Utility Easements:

E.3 Acceptance of Communications, Resolutions, Reports:

- **Set November 15, 2016 Public Hearing Date for request by Mahle Powertrain to transfer IFT Certificate from Westport Fuel Systems**

E.4 Approval of Township Bills:

		Year 2016
General Fund	(101)	\$439, 484.01
Solid Waste Fund	(226)	68,691.43
Improvement Revolving Fund (Capital Projects)	(246)	23,368.00
Drug Forfeiture Fund	(265)	1,305.50
Golf Course Fund	(510)	5,143.97
Senior Transportation	(588)	1,918.35
Water and Sewer Fund	(592)	479,404.13
Trust and Agency Fund	(701)	7,309.63
Police Bond Fund	(702)	2810.00
Tax Fund	(703)	-0-
Special Assessment Fund	(805)	238,845.45
Total:		\$1,268,280.47

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

Tuesday, October 25, 2016
7:00 PM



F. PUBLIC COMMENTS AND QUESTIONS

G. PUBLIC HEARING

H. COMMUNITY DEVELOPMENT

I. UNFINISHED BUSINESS

J. NEW BUSINESS

- 1) Plymouth Community Council on Aging Presentation
- 2) Request for Board Action - Use Agreement for Plymouth Community Council on Aging
- 3) Request for Board Action - Johnson Creek Park Rezoning
- 4) Request for Board Action - Sanitary Sewer Separation Between Plymouth Township and City of Plymouth
- 5) Request for Board Action - Amended 2016 State Forfeiture Fund Budget - **Resolution 2016-10-25-24**
- 6) Request for Board Action – Re-adoption of Ridgewood Hills Nos. 2,3,4 SAD Assessment Roll
- 7) Request for Board Action - Amend Adoption Agreement for Non-ERISA Retirement Plan - **Resolution 2016-10-25-23**

K. SUPERVISOR AND TRUSTEE COMMENTS

L. PUBLIC COMMENTS

M. ADJOURNMENT

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 11, 2016**

PROPOSED MINUTES

Supervisor Price called the meeting to order at 7:05 p.m. and asked Fire Chief Dan Phillips to lead the Pledge of Allegiance to the Flag.

MEMBERS PRESENT: Shannon Price, Supervisor
Ron Edwards, Treasurer
Nancy Conzelman, Clerk
Robert Doroshewitz, Trustee
Charles Curmi, Trustee

MEMBERS ABSENT: Mike Kelly, Trustee
Steve Mann, Trustee

OTHERS PRESENT: Patrick Fellrath, Dir. of Public Utilities
Dan Phillips, Fire Chief
Thomas Tiderington, Police Chief
Sara Visel, Solid Waste and Public Serv. Coord.
Kevin Bennett, Township Attorney
David Richmond, Spalding DeDecker Associates
Alice Geletzke, Recording Secretary
48 Members of the Public

D. PROCLAMATION – Fire Prevention Week

Mr. Price presented the Proclamation for Fire Prevention Week to Fire Chief Dan Phillips.

E. APPROVAL OF AGENDA

Regular Meeting - Tuesday, October 11, 2016

Moved by Ms. Conzelman and seconded by Mr. Edwards to approve the agenda for the Board of Trustees regular meeting of October 11, 2016. Ayes all.

F. APPROVAL OF CONSENT AGENDA

F.1 Approval of Minutes:
Regular Meeting - September 27, 2016
Special Meeting - September 30, 2016

F.2 Acceptance of Utility Easements:

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 11, 2016**

PROPOSED MINUTES

F.3 Acceptance of Communications, Resolutions, Reports:

Building Department - September 2016
FOIA Report - September 2016
Fire Report - September 2016

F.4 Approval of Township Bills:

		Year 2016
General Fund	(101)	\$777,319.86
Solid Waste Fund	(226)	972.13
Improvement Revolving Fund (Capital Projects)	(246)	-0-
Drug Forfeiture Fund	(265)	-0-
Golf Course Fund	(510)	2,803.04
Senior Transportation	(588)	15,676.72
Water and Sewer Fund	(592)	120,259.31
Trust and Agency Fund	(701)	429.90
Police Bond Fund	(702)	9,113.00
Tax Fund	(703)	-0-
Special Assessment Fund	(805)	159.30
Total:		\$ 926,733.26

Moved by Ms. Conzelman and seconded by Mr. Edwards to approve the consent agenda for the Board of Trustees regular meeting of October 11, 2016. Ayes all.

G. PUBLIC COMMENTS AND QUESTIONS

Duane Zantop commented on Trustee Kelly leaving the last meeting. Ed Haggerty felt the audit and Department of Justice audit should have been on the agenda. Ken Garner commented about not seeing the Parks Director at the park and said he has video of the Parks Director not being there.

H. PUBLIC HEARING

I. COMMUNITY DEVELOPMENT

J. UNFINISHED BUSINESS

K. NEW BUSINESS

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 11, 2016**

PROPOSED MINUTES

- 1) Request for Board Action – Wayne County Appraisal Assessing Services Contract Extension

Doug Shaw of Wayne County Appraisal addressed the Board and answered questions.

Moved by Mr. Edwards and seconded by Ms. Conzelman to exercise the second renewal period of the Township’s contract with Wayne County Appraisal to provide assessing services for the Township. This period will commence on November 1, 2016 and expire on October 31, 2018. Ayes all.

- 2) Request for Board Action - Curbside Residential Refuse Collection - Automation Option

Patrick Fellrath, Dir. of Public Services, reviewed with the board the 2015 implementation of automated curbside residential recycling with the new 64/65-gallon wheeled carts and the board’s decision at that time to wait a year to consider automation of curbside residential garbage collection. Mr. Fellrath reviewed the 2015 survey results showing that 57.65% of survey respondents preferred automation of both recycling and garbage, and, of those households, the majority (57%) favored use of the larger 95/96-gallon wheeled carts. Mr. Fellrath indicated that the Township’s solid waste hauler, Rizzo Environment Services, Inc., had agreed to honor its 2015 bid price for automated garbage collection, which would cost households an additional 76 cents per month, the additional cost being attributed to the new carts that would be provided to each household. Mr. Fellrath and Sara Visel, Solid Waste Coordinator, answered questions from the Board and members of the public.

Mr. Price invited members of the public to comment on their preferences. Several residents came forward and cited difficulties moving and storing the carts, especially the larger cart, as reasons for not supporting the change to automation. Several others expressed support for automation but only if the smaller carts are used.

After lengthy discussion amongst the board members, there was no action taken on this item.

- 3) Discussion - Future Participation in the Rouge Valley Sewage Disposal System (RVSDS)

[Treasurer Edwards left the room at 8:25 p.m., when Mr. Sprague began his presentation]

Aaron Sprague, WTUA Director of Operations, gave a presentation outlining the history of wastewater services provided through Plymouth Township’s participation in the Wayne County Rouge Valley Sewage Disposal System (RVSDS) for wastewater flows treated at the GLWA (formerly DWSD) wastewater treatment plant dating back to 1938. Contrasted with those services are those provided by Ypsilanti Community Utilities Authority (YCUA) wastewater treatment plant since 1994. He also presented WTUA-developed specific required capital

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 11, 2016**

PROPOSED MINUTES

improvements, which would need to be increased if separation of the co-mingled sewage flow from the City of Plymouth and Plymouth Township is not completed. Mr. Sprague outlined the capital improvements over the past decades to effectuate that separation and the capital projects still needed to complete it.

Patrick Fellrath presented to the board, copies of an opinion of probable costs from Hubbell, Roth & Clark, Inc., for the separation of those sewage flows (attached).

There was no action taken on this item.

L. SUPERVISOR AND TRUSTEE COMMENTS

Mr. Doroshewitz asked if the lawsuit has been filed against the City of Plymouth and Mr. Curmi asked about the audit. Ms. Conzelman offered information for voters regarding obtaining absentee ballots for the upcoming election. Mr. Price complimented the Fire Department on their Open House.

M. PUBLIC COMMENTS

Mr. Haggerty commented on trash pickup, Mr. Kuzma commented on sewers and Ms. Bondie asked about responsibility for overhanging trees on rights-of-way.

N. CLOSED SESSION – At 9:40 p.m., Ms. Conzelman moved that a closed session be called for contract negotiations pursuant to OMA Sections 8(c). Seconded by Mr. Curmi. The Board returned to open session at 10:45 p.m. [Treasurer Edwards rejoined the meeting at 9:41 p.m.]

O. ADJOURNMENT

Moved by Ms. Conzelman and seconded by Mr. Doroshewitz to adjourn the meeting at 10:46 p.m. Ayes all.

Nancy C. Conzelman, Township Clerk

Shannon G. Price, Township Supervisor



PRINCIPALS
George E. Hubbell
Thomas E. Biehl
Keith D. McCormack
Nancy M. D. Faught
Daniel W. Mitchell
Jesse B. VanDeCreek
Roland N. Alix
Michael C. MacDonald
James F. Burton

SENIOR ASSOCIATES
Gary J. Tressel
Randal L. Ford
William R. Davis
Dennis J. Benoit
Robert F. DeFrain
Thomas D. LaCross
Albert P. Mickalich
Timothy H. Sullivan

ASSOCIATES
Jonathan E. Booth
Marvin A. Olane
Marshall J. Grazoli
Donna M. Martin
Charles E. Hart
Colleen L. Hill-Stramsak
Bradley W. Shepler
Karyn M. Sticker
Jane M. Graham
Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga

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BOARD MEETING
HANDOUT 10/11/2016

October 10, 2016

Charter Township of Plymouth
9955 Haggerty Road
Plymouth, Michigan 48170

Attn: Patrick Fellrath, P.E., Director of Public Utilities

Re: Sanitary Sewer Separation
Opinion of Probable Cost

HRC Job No. 20160844

Dear Mr. Fellrath:

As requested at our September 26, 2016 meeting and during our telephone conversation on October 5, 2016, we are providing an Opinion of Probable Cost for the potential sanitary sewer separation of the Plymouth Township and City of Plymouth systems. As you are aware, there are two locations where Plymouth Township interceptor sewers enter the City of Plymouth and comeingle with sewage from the City of Plymouth. The entry points into the City are located along Sheldon Road, approximately 650 feet north of Ann Arbor Trail at the Tonquish Creek and approximately 600 feet north of Ann Arbor Road at Pinetree Drive. The interceptor sewers which enter the City of Plymouth comeingle with City sewage and re-enter the Township along Ann Arbor Road approximately 1,600 feet west of Lilley Road at the Tonquish Creek S. Branch. Based on our discussion it is estimated that approximately fifty percent (50%) of the sewage flow from the City of Plymouth comesingles with sewage from the Township downstream of Ann Arbor Road to the Western township Utility Authority (WTUA) facility located at Joy and Haggerty Roads. The commingled sewage is directed into the WTUA facility for discharge, and storage if necessary, prior to discharge to the Wayne County and/or Ypsilanti Community Utility Authority system (YCUA).

The need for this Opinion of Probable Cost is to allow the implementation of WTUA's planned improvements to discharge all WTUA member flow to the YCUA system. It is our understanding that if the Township and City sewage flows continue to be comingled, the necessary improvements to the WTUA system are greatly increased.

As you are aware, the separation of the Township and City systems was last discussed and estimated in 1990 but due to the cost it was not pursued. Our Opinion of Probable Cost provides an update to the sewer route proposed in 1990 and is titled Base Route - Gravity Sewer for City and Township. In addition, we discussed an additional route which reduces the amount of new sewer required for Plymouth Township and is titled Alternate Route - Gravity Sewer for City and Township. The potential Base Route and Alternate Route are as shown on the attached Plymouth Township Map of Sanitary Sewers and summarized below:

Base Route - Gravity Sewer for City and Township

City of Plymouth Sewer - Segment 1

- 21" sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21" sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.

- 21" sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township Sewer – Segment II

- 21" to 30" sanitary sewer along Sheldon Road from north of Ann Arbor Trail, at Tonquish creek, to Joy Road.
- 36" sanitary sewer along Joy Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

Alternate Route – Gravity Sewer for City and Township

City of Plymouth Sewer – Segment I

- 21" sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21" sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.
- 21" sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township Sewer – Segment II

- 21" sanitary sewer along Sheldon Road from north of Ann Arbor Trail, at Tonquish Creek, to Ann Arbor Road.
- 30" sanitary sewer along Ann Arbor Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

The Opinion of Probable Costs for each of the potential sewer routes are as shown in the attached tables and summarized below:

Base Route – Gravity Sewer for City and Township	\$18,350,000
Alternate Route – Gravity Sewer for City and Township	\$14,270,000

In addition to the reduced cost associated with the alternate route, an additional benefit is that the existing 30" sewer south of Ann Arbor Road along the Tonquish Creek S. Branch will be continue have sufficient flow within the pipe to maintain a velocity to avoid debris/solids from gathering in the pipe. In the base alternative very little flow from the Township would be passing through the sewer and it would likely require regular cleaning of the sewer.

The above costs include a construction contingency of 15% along with an allowance of 20% for design, bid documents, construction administration, construction observation, and construction testing. It is the intent for the sewers to be installed within public road right of way or recorded easements so additional easement acquisition costs have

not been included. Due to the discussions of this potential sewer separation discussions being in the early stages, a detailed route study was not prudent to be completed at this time. Due to the presence of many existing utilities within the road right of ways, likely exacerbated by many of the roads being municipal boundaries and having dual municipal utilities, it is our recommendation that a detailed route study be completed prior to selection of a route and the commencement of final design.

The Opinion of Probable Costs for a gravity sewer for both Plymouth Township and the City of Plymouth are also based on the following assumptions:

1. A miscellaneous storm sewer removal and replacement quantity has been included for crossing storm sewer laterals.
2. Along Sheldon Road the proposed sewer will likely be located on the eastern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
3. Sheldon Road is an existing 5-lane roadway and costs assume that 3 lanes of roadway will require reconstruction to facilitate 25-30' sewer depth.
4. Along Joy Road the proposed sewer will likely be located on the southern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
5. Joy Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that roadway will require full width reconstruction to facilitate 25-30' sewer depth.
6. Ann Arbor Road is an existing 5-lane roadway and costs assume that 3 lanes of roadway will require reconstruction to facilitate 25-30' sewer depth.
7. Lilley Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that roadway will require full width reconstruction to facilitate 25-30' sewer depth.
8. Costs for crossing the Tonquish Creek by tunnel, jack or bore construction method have been included.
9. Costs for crossing the at-grade Railroad tracks on Joy Road, west of Haggerty Road, by tunnel, jack or bore construction method have been included.
10. HMA Pavement Restoration, Concrete Pavement Restoration and Curb and Gutter Restoration includes costs to complete the pavement replacement, provide aggregate base course, underdrains and pavement markings for the limits described above.
11. It is anticipated that the existing sewers will remain in service during project construction but an allowance for by-pass pumping has been included for use during the connections to the existing sewers.
12. The proposed sewer sizes match the existing sewer sizes but it is recommended that a capacity review of the existing system be performed prior to final design to confirm the needs of the Township and the City.

In addition, an Opinion of Probable Cost for alternatives to provide two (2) pump stations and a force main, for the Plymouth Township portion of the improvements, are also provided to allow comparison of the capital cost difference between the gravity sewer and pumped systems. If deemed to provide a viable initial savings, a life cycle

analysis for the alternate gravity and pumped systems can be prepared to account for yearly operation and maintenance costs. Our Opinion of Probable Cost for the pumped alternative follows the route proposed in 1990 and is titled Base Route – Gravity for City and Pumped for Township. In addition, we discussed an additional route which reduces the amount of new force main required for Plymouth Township and is titled Alternate Route - Gravity for City and Pumped for Township. The potential Base Route and Alternate Route are as shown on the attached Plymouth Township Map of Sanitary Sewers and summarized below:

Base Route – Gravity Sewer for City and Pump Station System for Township

City of Plymouth Sewer – Segment I

- 21" sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21" sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.
- 21" sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township PS and Force Main – Segment II

- Pump station located at north sewer crossing of Sheldon Road, in vicinity of Tonquish Creek.
- Pump station located at south sewer crossing of Sheldon Road, in vicinity of Pinetree Drive.
- 16" force main along Sheldon Road between above noted north and south pump stations.
- 20" force main along Sheldon Road from south pump station at Pinetree Drive to Joy Road and along Joy Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

Alternate Route – Gravity Sewer for City and Pump Station System for Township

City of Plymouth Sewer – Segment I

- 21" sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21" sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.
- 21" sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township PS and Force Main – Segment II

- Pump station located at north sewer crossing of Sheldon Road, in vicinity of

Tonquish Creek.

- Pump station located at south sewer crossing of Sheldon Road, in vicinity of Pinetree Drive.
- 16" force main along Sheldon Road between above noted north and south pump stations.
- 20" force main along Sheldon Road from south pump station at Pinetree Drive to Ann Arbor Road and along Ann Arbor Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

The Opinion of Probable Costs for each of the potential pump station force main routes (including gravity sewer for the City) are as shown in the attached tables and summarized below:

Base Route – Gravity Sewer for City and PS/Force Main for Township
\$12,766,000

Alternate Route – Gravity Sewer for City and PS/Force Main for Township
\$10,651,000

In addition to the reduced cost associated with the alternate route, an additional benefit is that the existing 30" sewer south of Ann Arbor Road along the Tonquish Creek S. Branch will be continue have sufficient flow within the pipe to maintain a velocity to avoid debris/solids from gathering in the pipe. In the base alternative very little flow from the Township would be passing through the sewer and it would likely require regular cleaning of the sewer.

The above costs include a construction contingency of 15% along with an allowance of 20% for design, bid documents, construction administration, construction observation, and construction testing. It is the intent for the sewers, pump stations and force mains to be installed within public road right of way or recorded easements so additional easement acquisition costs have not been included. Due to the discussions of this potential sewer separation discussions being in the early stages, a detailed route study was not prudent to be completed at this time. Due to the presence of many existing utilities within the road right of ways, likely exacerbated by many of the roads being municipal boundaries and having dual municipal utilities, it is our recommendation that a detailed route study be completed prior to selection of a route and the commencement of final design.

The Opinion of Probable Costs for a pump station/force main system for Plymouth Township and a gravity sewer for the City of Plymouth are also based on the following assumptions:

1. The force main would be installed utilizing HDPE pipe and be installed directional drilling to minimize roadway and landscaping removal and replacement. Jacking and receiving pits will be spaced at intervals of approximately 800 feet. Costs for roadway and landscaping restoration have been included at the pit locations.
2. The north pump station would be a a triplex (three pump) submersible

configuration; with assumed 12-foot diameter precast concrete wetwell and valve vault structures, peak pumping capacity of 1,875 gpm (2.70 MGD) with two pumps running, 3 x 15 HP submersible pumps, SCADA compatible with existing Township facilities, onsite natural gas emergency generator and automatic transfer switch, and an integrated control and power panel in a stainless steel outdoor enclosure.

3. The south pump station would be a a triplex (three pump) submersible configuration; with assumed 12-foot diameter precast concrete wetwell and valve vault structures, peak pumping capacity of 2,430 gpm (3.50 MGD) with two pumps running, 3 x 20 HP submersible pumps, SCADA compatible with existing Township facilities, onsite natural gas emergency generator and automatic transfer switch, and an integrated control and power panel in a stainless steel outdoor enclosure.
4. Must be located outside of the limits of the 100-year floodplain.
5. Pump station costs do include redundant power during emergency conditions.
6. Along Sheldon Road the proposed force main will likely be located on the eastern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
7. Along Joy Road the proposed sewer will likely be located on the southern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
8. Joy Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that for the City's gravity sewer installation the roadway will require full width reconstruction to facilitate 25-30' sewer depth.
9. Ann Arbor Road is an existing 5-lane roadway and costs assume that for the City's gravity sewer installation 3 lanes of roadway will require reconstruction to facilitate 25-30' sewer depth.
10. Lilley Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that for the City's gravity sewer installation the roadway will require full width reconstruction to facilitate 25-30' sewer depth.
11. Costs for crossing the at-grade Railroad tracks on Joy Road, west of Haggerty Road, by tunnel, jack or bore construction method have been included for the City's gravity sewer.
12. HMA Pavement Restoration, Concrete Pavement Restoration and Curb and Gutter Restoration includes costs to complete the pavement replacement, provide aggregate base course, underdrains and pavement markings for the limits described above.
13. It is anticipated that the existing sewers will remain in service during project construction but an allowance for by-pass pumping has been included for use during the connections to the existing sewers.

The proposed gravity sewer sizes match the existing sewer sizes but it is recommended that a capacity review of the existing system be performed prior to final design to confirm the needs of the Township and the City. In addition, flows utilized for the preliminary pump station and force main sizing should be confirmed as well during a capacity review of each system prior to final design.



Patrick Fellrath, P.E.
October 10, 2016
HRC Job Number 20160844
Page 7 of 7

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.

Michael C. MacDonald
Vice-President

MM/mm

Attachment

pc: WTUA; A. Sprague
HRC; File



Charter Township of Plymouth
Sanitary Sewer Separation

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

- PRINCIPALS**
George E. Hebbel
Thomas F. Barth
Kath D. McCormick
Kathy M. D. Faught
Doreen W. MacNeill
Jesse B. VanDuCrack
Rafael N. Ala
Michael C. MacDonald
Loren F. Burton
- SENIOR ASSOCIATES**
Gary J. Truesel
Randall L. Ford
William R. Davis
Doreen J. Bennett
Robert F. Duffran
Thomas D. LoCicca
Albert P. Michalich
Timothy H. Sullivan
- ASSOCIATES**
Jonathan E. Booth
Marvin A. Diano
Marshall J. Garsick
Dennis M. Martin
Charles F. Hart
Colleen L. Hill Strombach
Bradley W. Shupler
Kanye M. Sicker
Jesse M. Swanson
Thomson G. Mitzewell
Todd J. Swaenher
Aaron A. Tranga

BASE ROUTE

Item Description	Unit	Quantity	Unit Price	Amount
Segment I - Gravity Sewer System for City of Plymouth				
Mobilization	LS	1	\$206,000.00	\$206,000.00
Pavement Removal	Syd	29,000	\$8.00	\$232,000.00
Existing Storm System Remove and Replace	Ft	300	\$60.00	\$18,000.00
21" Sanitary Sewer w/Sand Backfill	Ft	8,100	\$250.00	\$2,025,000.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	120	\$500.00	\$60,000.00
Upstream Junction Chamber	LS	1	\$125,000.00	\$125,000.00
Connection to Existing Downstream Junction Chamber	LS	1	\$60,000.00	\$60,000.00
Sanitary Manhole	Ea	20	\$3,500.00	\$70,000.00
Curb and Gutter, Concrete	Ft	8,500	\$24.00	\$204,000.00
HMA Surface Restoration	Ton	9,600	\$125.00	\$1,200,000.00
Turf Restoration	LS	1	\$50,000.00	\$50,000.00
Allowance for Landscape Restoration	LS	1	\$35,000.00	\$35,000.00
Traffic Control	LS	1	\$60,000.00	\$60,000.00
Allowance for Bypass Pumping	LS	1	\$60,000.00	\$60,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment I				\$4,480,000.00

Segment II - Gravity Sewer System for Plymouth Township (Joy Road Outlet)

Mobilization	LS	1	\$255,000.00	\$255,000.00
Pavement Removal	Syd	50,000	\$8.00	\$400,000.00
Existing Storm System Remove and Replace	Ft	500	\$60.00	\$30,000.00
21" Sanitary Sewer w/Sand Backfill	Ft	5,200	\$250.00	\$1,300,000.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	200	\$500.00	\$100,000.00
30" Sanitary Sewer w/Sand Backfill	Ft	2,640	\$350.00	\$924,000.00
36" Sanitary Sewer w/Sand Backfill	Ft	4,460	\$400.00	\$1,784,000.00
Sheldon Rd Junction Chamber, North of Ann Arbor Trail	LS	1	\$80,000.00	\$80,000.00
Junction Chamber, Pinetree Dr.	LS	1	\$60,000.00	\$60,000.00
Joy Road Junction Chamber, Outlet	LS	1	\$78,000.00	\$78,000.00
Sanitary Manhole	Ea	30	\$3,500.00	\$105,000.00
Curb and Gutter, Concrete	Ft	10,500	\$24.00	\$252,000.00
Concrete Pavement Restoration	Syd	33,000	\$75.00	\$2,475,000.00
HMA Surface Restoration	Ton	13,200	\$125.00	\$1,650,000.00
Turf Restoration	LS	1	\$60,000.00	\$60,000.00
Allowance for Landscape Restoration	LS	1	\$46,500.00	\$46,500.00
Traffic Control	LS	1	\$110,000.00	\$110,000.00
Allowance for Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment II				\$9,859,500.00

Estimated Construction Cost Segment I & II	\$13,593,500.00
Construction Contingency (15%)	\$2,039,000.00
Design, Construction Administration & Inspection (20%)	\$2,717,500.00
Total Opinion of Probable Cost	\$18,350,000.00

- ASSUMPTIONS:**
1. No Costs for Easement Acquisition Included
 2. No soils data available at time of estimate
 3. Detailed Route Survey has not been completed at this time
 4. Confirmation of Sewer Capacity has not been completed at this time



Charter Township of Plymouth
Sanitary Sewer Separation

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

- PRINCIPALS**
George E. Hubbell
Thomas E. Bohl
Scott D. McCormick
Nancy M. D. Faughn
Daniel W. McGoff
Janice B. VanDeCreek
Richard H. Alts
Michael C. MacDonald
James F. Barton
- SENIOR ASSOCIATES**
Gary I. Tresselt
Randall L. Ford
William B. Davis
Dennis J. Benoit
Robert F. DeFran
Thomas D. LaCroix
Albert P. Mackintosh
Timothy H. Sullivan
- ASSOCIATES**
Jonathan E. Booth
Marvin A. Olszew
Marybeth J. Granger
Dennis M. Martin
Charles E. Hart
Colleen L. Hill-Stronach
Bridget W. Shugler
Karyn M. Strickland
Loren M. Craham
Theresa G. Maloney
Todd J. Swadlow
Aaron A. Uranga

ALTERNATE ROUTE

Item Description

Unit	Quantity	Unit Price	Amount
Segment I - Gravity Sewer System for City of Plymouth			
Mobilization	LS	1	\$206,000.00
Pavement Removal	Syd	29,000	\$8.00
Existing Storm System Remove and Replace	Ft	300	\$60.00
21" Sanitary Sewer w/Sand Backfill	Ft	8,100	\$250.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	120	\$500.00
Upstream Junction Chamber	LS	1	\$125,000.00
Connection to Existing Downstream Junction Chamber	LS	1	\$60,000.00
Sanitary Manhole	Ea	20	\$3,500.00
Curb and Gutter, Concrete	Ft	8,500	\$24.00
HMA Surface Restoration	Ton	9,600	\$125.00
Turf Restoration	LS	1	\$50,000.00
Allowance for Landscape Restoration	LS	1	\$35,000.00
Traffic Control	LS	1	\$60,000.00
Allowance for Bypass Pumping	LS	1	\$60,000.00
Allowance for Dewatering	LS	1	\$75,000.00
Sub-Total Segment I			\$4,480,000.00

Segment II - Gravity Sewer System for Plymouth Township (Ann Arbor Rd Outlet)

Mobilization	LS	1	\$168,000.00	\$168,000.00
Pavement Removal	Syd	37,000	\$8.00	\$296,000.00
Existing Storm System Remove and Replace	Ft	400	\$60.00	\$24,000.00
21" Sanitary Sewer w/Sand Backfill	Ft	5,200	\$250.00	\$1,300,000.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	200	\$500.00	\$100,000.00
30" Sanitary Sewer w/Sand Backfill	Ft	3,800	\$350.00	\$1,330,000.00
Sheldon Rd Junction Chamber, North of Ann Arbor Trail	LS	1	\$80,000.00	\$80,000.00
Junction Chamber, Pinetree Dr.	LS	1	\$60,000.00	\$60,000.00
Ann Arbor Road Junction Chamber, Outlet	LS	1	\$76,000.00	\$76,000.00
Sanitary Manhole	Ea	22	\$3,500.00	\$77,000.00
Curb and Gutter, Concrete	Ft	1,000	\$24.00	\$24,000.00
Concrete Pavement Restoration	Syd	22,000	\$75.00	\$1,650,000.00
HMA Surface Restoration	Ton	9,800	\$125.00	\$1,225,000.00
Turf Restoration	LS	1	\$50,000.00	\$50,000.00
Allowance for Landscape Restoration	LS	1	\$40,000.00	\$40,000.00
Traffic Control	LS	1	\$100,000.00	\$100,000.00
Allowance for Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment II			\$6,750,000.00	

Estimated Construction Cost Segment I & II \$10,571,000.00

Construction Contingency (15%) \$1,585,000.00

Design, Construction Administration & Inspection (20%) \$2,114,000.00

Total Opinion of Probable Cost \$14,270,000.00

ASSUMPTIONS:

1. No Costs for Easement Acquisition Included
2. No soils data available at time of estimate
3. Detailed Route Survey has not been completed at this time
4. Confirmation of Sewer Capacity has not been completed at this time



**Charter Township of Plymouth
Sanitary Sewer Separation**

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

PRINCIPALS	BASE ROUTE	Unit	Quantity	Unit Price	Amount
George E. Hubbell Thomas E. Beall Rash D. McCormack Nancy M. O. Faugh Domen W. Sobchoff Jesse B. VanDusen Richard W. Ake Michael C. MacDonald James F. Barton	Segment I - Gravity Sewer System for City of Plymouth				
	Mobilization	LS	1	\$206,000.00	\$206,000.00
	Pavement Removal	Syd	29,000	\$8.00	\$232,000.00
	Existing Storm System Remove and Replace	Ft	300	\$60.00	\$18,000.00
	21" Sanitary Sewer w/Sand Backfill	Ft	8,100	\$250.00	\$2,025,000.00
	21" Sanitary Sewer, Tunnel Jack & Bore	Ft	120	\$500.00	\$60,000.00
	Upstream Junction Chamber	LS	1	\$125,000.00	\$125,000.00
	Connection to Existing Downstream Junction Chamber	LS	1	\$60,000.00	\$60,000.00
	Sanitary Manhole	Ea	20	\$3,500.00	\$70,000.00
	Curb and Gutter, Concrete	Ft	8,500	\$24.00	\$204,000.00
	HMA Surface Restoration	Ton	9,600	\$125.00	\$1,200,000.00
	Turf Restoration	LS	1	\$50,000.00	\$50,000.00
	Allowance for Landscape Restoration	LS	1	\$35,000.00	\$35,000.00
	Traffic Control	LS	1	\$60,000.00	\$60,000.00
	Allowance for Bypass Pumping	LS	1	\$60,000.00	\$60,000.00
	Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
	Sub-Total Segment I				\$4,480,000.00

SENIOR ASSOCIATES	ASSOCIATES	Segment II - Pumped Sewer System for Plymouth Township (Joy Road Outlet)	Unit	Quantity	Unit Price	Amount
Gary J. Trudel Ramsell Ford William B. Davis Dennis J. Sumner Robert T. DeFronzo Thomas D. LaCrosse Albert P. Muehlbach Francis H. Sullivan	Jacqueline E. Booth Mervyn A. Chese Marshall J. Grzeschik Danna M. Martin Charles E. Hart Colleen L. Hill-Strombach Bradley W. Shepler Karen M. Stachel Lance M. Graham Thomas G. Manowff Yusuf A. Shattara Adam A. Uranga	Mobilization	LS	1	\$219,000.00	\$219,000.00
		Pavement Removal	Syd	1,100	\$16.00	\$17,600.00
		Pump Station #1	LS	1	\$750,000.00	\$750,000.00
		Pump Station #2	LS	1	\$805,000.00	\$805,000.00
		16" HPDE HDD Sanitary Force Main	Ft	4,920	\$180.00	\$885,600.00
		20" HPDE HDD Sanitary Force Main	Ft	7,500	\$235.00	\$1,762,500.00
		36" Sanitary Sewer w/Sand Backfill	Ft	50	\$400.00	\$20,000.00
		30" Sanitary Sewer w/Sand Backfill	Ft	50	\$350.00	\$17,500.00
		21" Sanitary Sewer w/Sand Backfill	Ft	50	\$250.00	\$12,500.00
		Joy Road Junction Chamber, Outlet	LS	1	\$78,000.00	\$78,000.00
		Sanitary Manhole	Ea	2	\$8,000.00	\$16,000.00
		Exploratory Excavation and Utility Locating	LS	1	\$20,000.00	\$20,000.00
		Curb and Gutter, Concrete	Ft	300	\$24.00	\$7,200.00
		Concrete Pavement Restoration	Syd	700	\$75.00	\$52,500.00
		HMA Surface Restoration	Ton	300	\$125.00	\$37,500.00
		Turf Restoration	LS	1	\$30,000.00	\$30,000.00
		Allowance for Landscape Restoration	LS	1	\$17,600.00	\$17,600.00
		Traffic Control	LS	1	\$70,000.00	\$70,000.00
		Allowance for Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
		Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
		Sub-Total Segment II				\$4,968,500.00

Estimated Construction Cost Segment I & II	\$8,738,500.00
Construction Contingency (15%)	\$1,310,000.00
Design, Construction Administration & Inspection (20%)	\$2,717,500.00
Total Opinion of Probable Cost	\$12,766,000.00

ASSUMPTIONS:

1. No Costs for Easement Acquisition Included
2. No soils data available at time of estimate
3. Detailed Route Survey has not been completed at this time
4. Confirmation of Sewer Capacity has not been completed at this time



**Charter Township of Plymouth
Sanitary Sewer Separation**

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

PRINCIPALS
George T. Mulheg
Thomas E. Brühl
Fred D. McCormack
Nancy M. D. Faught
Doreen W. Mitchell
Jesse B. VanDusen
Robert H. Allen
Michael C. MacDonald
James P. Borvan

SENIOR ASSOCIATES
Gary L. Erwood
Ronald L. Ford
William R. Davis
Doreen J. Bannock
Robert F. DeFran
Thomas D. LaCourse
Albany P. Mackintosh
Timothy H. Sullivan

ASSOCIATES
Jonathan E. Booth
Marvin A. Clime
Marshall J. Gausel
Doreen M. Marston
Charles F. Hart
Lafayette L. H.S. Starnes
Bradley W. Shepler
Karyn M. Spickel
Jesse M. Graham
Thomas G. Marshall
Todd J. Smeetham
Ayan A. Jrange

ALTERNATE ROUTE

Item Description	Unit	Quantity	Unit Price	Amount
Segment I - Gravity Sewer System for City of Plymouth				
Mobilization	LS	1	\$206,000.00	\$206,000.00
Pavement Removal	Syd	29,000	\$8.00	\$232,000.00
Existing Storm System Remove and Replace	Ft	300	\$60.00	\$18,000.00
21" Sanitary Sewer w/Sand Backfill	Ft	8,100	\$250.00	\$2,025,000.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	120	\$500.00	\$60,000.00
Upstream Junction Chamber	LS	1	\$125,000.00	\$125,000.00
Connection to Existing Downstream Junction Chamber	LS	1	\$60,000.00	\$60,000.00
Sanitary Manhole	Ea	20	\$3,500.00	\$70,000.00
Curb and Gutter, Concrete	Ft	8,500	\$24.00	\$204,000.00
HMA Surface Restoration	Ton	9,600	\$125.00	\$1,200,000.00
Turf Restoration	LS	1	\$50,000.00	\$50,000.00
Allowance for Landscape Restoration	LS	1	\$35,000.00	\$35,000.00
Traffic Control	LS	1	\$60,000.00	\$60,000.00
Allowance for Bypass Pumping	LS	1	\$60,000.00	\$60,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment I				\$4,480,000.00

HUBBELL, ROTH & CLARK, INC.
UNPLA 555 Huron Drive
Plymouth, MI 48170-0160
MAYFIELD: PO Box 824
Plymouth, MI 48170-0824
PHONES: 480-454-6100
FAX: 480-454-6102
WEBSITE: www.hrc-engine.com
EMAIL: info@hrc-engine.com

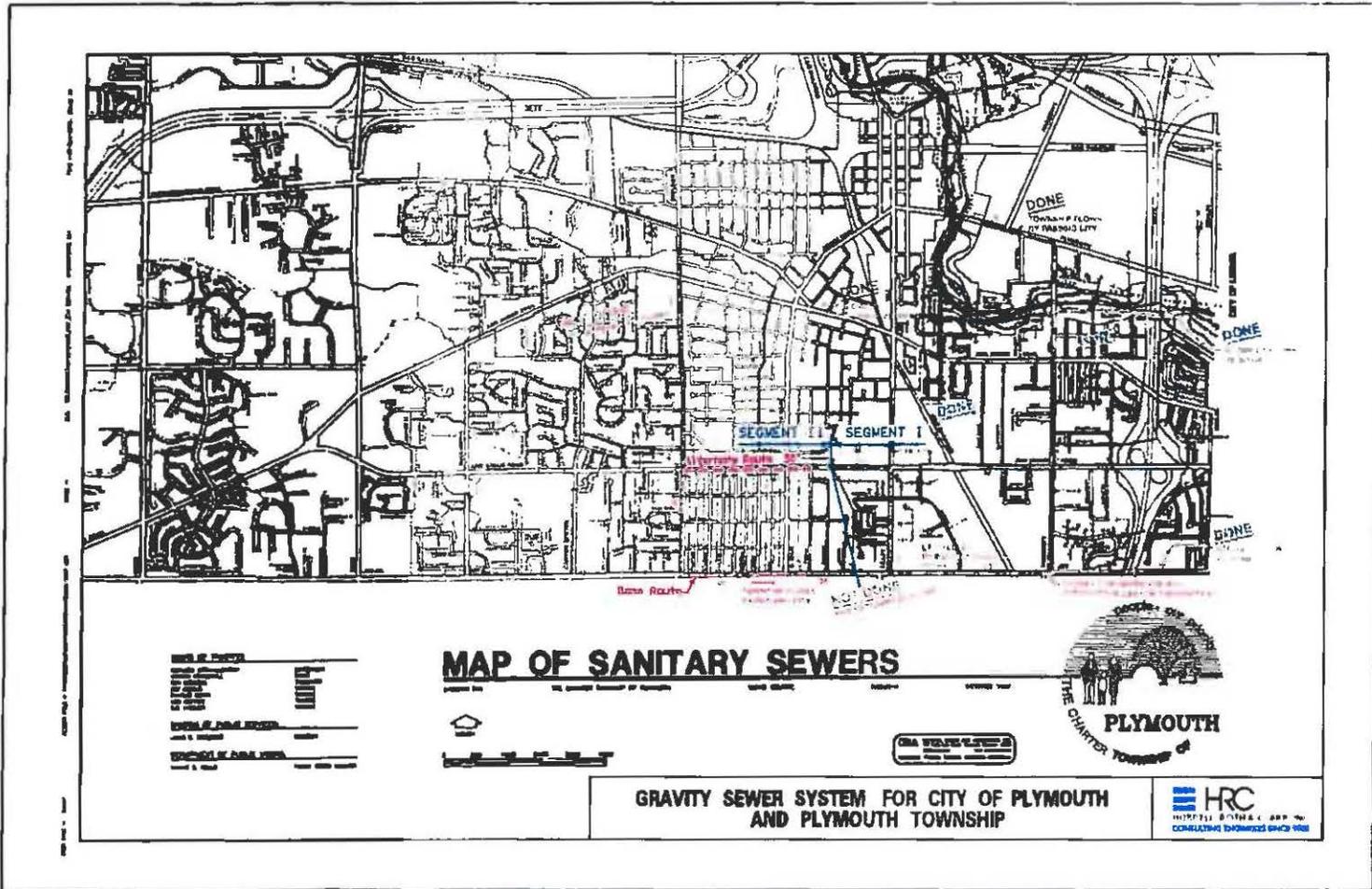
Segment II - Pumped Sewer System for Plymouth Township (Ann Arbor Rd Outlet)

Mobilization	LS	1	\$179,000.00	\$179,000.00
Pavement Removal	Syd	725	\$8.00	\$5,800.00
Pump Station #1	LS	1	\$750,000.00	\$750,000.00
Pump Station #2	LS	1	\$805,000.00	\$805,000.00
16" HPDE HDD Sanitary Force Main	Ft	4,920	\$180.00	\$885,600.00
20" HPDE HDD Sanitary Force Main	Ft	4,200	\$235.00	\$987,000.00
30" Sanitary Sewer w/Sand Backfill	Ft	50	\$350.00	\$17,500.00
21" Sanitary Sewer w/Sand Backfill	Ft	50	\$250.00	\$12,500.00
Ann Arbor Road Junction Chamber, Outlet	LS	1	\$76,000.00	\$76,000.00
Sanitary Manhole	Ea	2	\$8,000.00	\$16,000.00
Exploratory Excavation and Utility Locating	LS	1	\$20,000.00	\$20,000.00
Curb and Gutter, Concrete	Ft	300	\$24.00	\$7,200.00
Concrete Pavement Restoration	Syd	450	\$75.00	\$33,750.00
HMA Surface Restoration	Ton	200	\$125.00	\$25,000.00
Turf Restoration	LS	1	\$24,500.00	\$24,500.00
Allowance for Landscape Restoration	LS	1	\$15,150.00	\$15,150.00
Traffic Control	LS	1	\$70,000.00	\$70,000.00
Allowance for Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment II				\$4,080,000.00

Estimated Construction Cost Segment I & II	\$7,890,000.00
Construction Contingency (15%)	\$1,183,000.00
Design, Construction Administration & Inspection (20%)	\$1,578,000.00
Total Opinion of Probable Cost	\$10,651,000.00

ASSUMPTIONS:

1. No Costs for Easement Acquisition Included
2. No soils data available at time of estimate
3. Detailed Route Survey has not been completed at this time
4. Confirmation of Sewer Capacity has not been completed at this time





1 Year Anniversary of PCCA at Friendship Station
Report 2015-2016

Plymouth Community Council On Aging



MISSION STATEMENT

The Plymouth Community Council on Aging is a non-profit corporation organized to coordinate

Programs, public and private, which promotes and safeguard the independence and well- being of the senior citizens age 55 and over in the greater Plymouth Community.



A PROGRAM WITHOUT A HOME

For the past 38 years the PCCA has operated without a full facility. We were the only Community in Western Wayne without a Senior Center.

Programs and Services were held throughout the Community, by utilizing the Cultural Center, the Library, Township Hall, City Hall etc.



TRANSITION

November 2015 – PCCA transitioned to the Plymouth Township Senior Friendship Station

Monday through Friday 8:30am to 4pm

Addition of Social Programs, Fitness Classes, Health & Wellness Presentations and Arts



SENIOR PARTICIPATION INCREASED OVER 400%

2015 – 1,397 Participants

2016 – Huge Increase 6,286 Participants

2015 – 2016 – PCCA had 136 new members



PROGRAMING OFFERED

Social Events – Luncheons, Entertainment, Operation Gratitude, Luau, Pancake Breakfast, Annual Picnic, Bingo, Bunco

Fitness Classes – Senior Cardio, Senior Yoga, Tai Chi,

Health & Wellness – Matter of Balance Classes, Flu Shots, Diabetes Workshop, Chronic Pain, Stroke Prevention, Parkinson Affects, Cancer Prevention

Presentations – Elder Law Series, Sepsis, Women’s Health, Estate Planning, Medicare Enrollment



SENIOR RESOURCES

Estimated 100 calls a month for Senior Services and Resources

Housing – Independent, Assisted Living, Skilled Nursing

Food- Focus Hope, T.E.F.A.P, Food Pantry

Medical Equipment – Loan Closet presently located at the Township DPW

Medicare/Medicaid Information

Help List & Chore List – Handymen, Housekeeping, Home Care, Transportation





CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: October 25, 2016

ITEM:

Proposed Use Agreement with Plymouth Community Council on Aging

PRESENTER: Supervisor Shannon Price

OTHER INDIVIDUALS IN ATTENDANCE:

EXECUTIVE SUMMARY:

The Plymouth Community Council on Aging (PCCA) is a non-profit corporation, organized to coordinate programs, public and private, which promote and safeguard the independence and well-being of the citizens age 55 and over in the greater Plymouth Community.

The PCCA works with many local agencies to insure that seniors receive assistance, information and enjoyable social events. PCCA works with the City of Plymouth, the Charter Township of Plymouth and the United Way to oversee the Senior Transportation Program. This program allows seniors to reach medical appointments outside of the Community.

In 2015 Plymouth Township, the City of Plymouth, and PCCA agreed to move the offices for PCCA to the Township along with Senior Transportation. Additionally, it was agreed that PCCA will begin to offer and manage senior programming at Friendship Station Monday – Friday from 8:30 – 4:00 Monday – Friday. While PCCA would still host programs at the Cultural Center, a majority of their program would be held at the Friendship Station.

Since that time PCCA and our seniors have enjoyed much success by moving their offices to Township Hall, and offering programming that includes line dancing, Wii bowling, cardio exercise, yoga, chair exercise, bunco, knitting; card playing (such as bridge, euchre, and pinochle), and programs and presentation on topics such as elder law and medical issues.

In fact, participation from our seniors has increased by over 400%, and PCCA has signed up 136 new members.

However, the Township has never formally approved an agreement with PCCA allowing them to have an office in Township Hall and use of the Friendship Station. The proposal before the Board of Trustees is to formalize the relationship with PCCA.

BACKGROUND:

ACTION REQUESTED:

Approve

BUDGET/TIME-LINE:

IMPLEMENTATION PLAN:

RECOMMENDATION:

MODEL RESOLUTION: I move to approve use agreement with the Plymouth Community Council on Aging allowing them to have an office in Township Hall and exclusive use of Friendship Station on weekdays (Monday-Friday) from 8:00 am to 4:30 pm. Provided PCCA uses Friendship Station exclusively for its activities for citizens age 55 and over in greater Plymouth Community.

ATTACHMENTS:

Plymouth Township's Friendship Station Senior Center Use Agreement

This Plymouth Township's Friendship Station Senior Center Use Agreement ("Agreement") is entered into as of the ___ day of _____, 2016, between the Charter Township of Plymouth, a Michigan municipal corporation ("the Township"), and the Plymouth Community Council on Aging, Inc., a Michigan Domestic Nonprofit Corporation ("PCCA").

WHEREAS, the Township owns a facility known as Friendship Station located at 42375 Schoolcraft, Plymouth Township, Michigan 48170; and,

WHEREAS, the PCCA is a non-profit corporation organized to coordinate programs, public and private, which promote and safeguard the independence and well-being of the citizens age 55 and over in the greater Plymouth Community; and,

WHEREAS, the Township and the PCCA desire for the PCCA to offer its activities for citizens age 55 and over in the greater Plymouth Community at Friendship Station for exclusive use at specified times;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Township and PCCA mutually agree as follows:

1. **Effective Date and Term.** This Agreement shall be effective as of _____, 2016, and shall continue until terminated by either party.
2. **PCCA Exclusive Use of Friendship Station.** Except as otherwise provided herein, PCCA shall have exclusive use of Friendship Station on weekdays (Monday through Friday) from 8:00 a.m. to 4:30 p.m., provided PCCA uses Friendship Station exclusively for its activities for citizens age 55 and over in the greater Plymouth Community. Such activities may include, but are not limited to: line dancing, Wii bowling, cardio exercise, yoga, chair exercise, bunco, knitting; card playing, such as bridge, euchre, and pinochle; and programs and presentation on topics such as elder law and medical issues.
3. **Limitations on Use of Friendship Station.** Neither PCCA nor any other person or entity may use Friendship Station for any unlawful use.
4. **Township Reservation of Use of Friendship Station.** Notwithstanding any other provision herein, the Township reserves the right to use Friendship Station for any purpose at any time. However, the Township will endeavor to provide PCCA with seven (7) days' notice for such usage.
5. **PCCA Office Use at Township Hall.** The Township will endeavor to provide PCCA with office space at Township Hall on an "as needed" basis. PCCA shall provide the Township with adequate notice of its desire to use office space at Township Hall, and the Township will endeavor to make such office space available.
6. **Termination.** The Township Board may terminate this Agreement for any reason upon 30 days' written notice.

7. **Notices.** All notices and other communications required or permitted under this Agreement will be in writing and will be deemed given when delivered personally or by first class mail addressed as follows (or any other address that is specified in writing by either party):

If to Township:

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

If to PCCA:

Bobbie Pummill
Plymouth Community Council on Aging, Inc.
201 S. Main Street
Plymouth, MI 48170

8. **No Warranties.** The Township makes no warranty whatsoever regarding Friendship Station and its contents, including any (1) warranty of merchantability; (2) warranty of fitness for a particular purpose; (3) warranty of title; (4) warranty against infringement of intellectual property rights of a third party; whether arising by law, course of dealing, course of performance, usage or trade, or otherwise. PCCA acknowledges that it has not relied upon any representation or warranty made by the Township or any other person or entity on the Township's behalf

9. **Indemnification.** PCCA shall indemnify and hold harmless the Township, its elected and appointed officials, and its employees, against any losses, claims, damages, or liabilities to any person or entity in connection with any matter related to this Agreement, except to the extent that any such loss, claim, damages, or liability are finally judicially determined to have resulted from the gross negligence, bad faith, willful misfeasance, or reckless disregard by the Township of its obligations or duties. This Agreement shall not be construed as a waiver of any governmental immunity of the Township, or of any qualified immunity of any Township official and/or employee.

10. **No Waiver.** A party's failure to exercise a right or remedy will not operate as a waiver of any of that party's rights or remedies under this Agreement and will not constitute a waiver of the party's right to declare an immediate or a subsequent default.

11. **Severability.** If one or more provisions of this Agreement shall be invalid, illegal, or unenforceable in any respect under any applicable law or decision, the validity, legality, and enforceability of the remaining provisions shall not be affected or impaired in any way. Each party shall, in any such event, execute such additional documents as the other party may reasonably request to give valid, legal, and enforceable effect to any provision of this Agreement that is determined to be invalid, illegal, or unenforceable as written in this Agreement.

12. **Amendments.** This Agreement may only be amended, modified, or supplemented by an agreement in writing approved by the respective Boards and signed by an authorized representative of each party.

13. **Assignment.** No party may assign any of its rights or delegate any of its obligations under this Agreement without the prior written consent of the other parties. Any purported assignment in violation of this Section shall be void.

14. **Counterparts.** This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A

signed copy of this Agreement delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement.

15. **No Third Party Beneficiaries.** This Agreement is for the sole benefit of the parties and their respective successors and permitted assigns, and nothing in this Agreement, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement.

16. **Choice of Law, Venue and Jurisdiction.** All matters arising out of or relating to this Agreement, are governed by, and construed in accordance with, the laws of the state of Michigan. Each party agrees that it will not bring any action, litigation, or proceeding against any other party in any way arising from or relating to this Agreement in any forum other than the courts of the state of Michigan sitting in Wayne and any applicable Michigan appellate court. Each party submits to the exclusive jurisdiction of those courts and agrees to bring any such action, litigation, or proceeding only in those courts.

17. **Force Majeure.** The Township shall not be deemed to have defaulted under or breached this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement when and to the extent such failure or delay is caused by or results from acts beyond the Township's control, including, but not limited to: (1) acts of God; (2) flood, fire, storm, earthquake, or explosion; (3) war, invasion, hostilities, terrorist threats or acts, riot, or other civil unrest; (4) government order or law; (5) actions, embargoes, or blockades; and (6) action by any governmental authority.

18. **Entire Agreement.** This Agreement constitutes the entire agreement and understanding of the parties and there are no other promises, assurances or terms of agreement among the parties other than those written herein. Nothing in this Agreement shall give rights to any other person. This agreement shall not be modified except in writing and signed by each of the parties.

IN WITNESS WHEREOF, the parties have executed this Agreement on the date shown below.

The Charter Township of Plymouth

By: _____
Shannon Price, Supervisor

Date: _____, 2016

Plymouth Community Council on Aging, Inc.

By: _____
(Printed Name and Title)

Date: _____, 2016



Dear Plymouth
Township board,

We really need
the Friendship station
to continue.

It is a place where
senior can go, meet other
seniors. Have activities to
their likings. Eat meals with
other people, with reasonable
cost.

Seniors sometime
don't have anyone to talk
with, and they need to
socialize.

Respectfully

Helen

Huffer



"We Need Your Input"

It's been almost one year that we have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what it means for the Senior Community. YOUR VOICE MATTERS!!

I LIKE HAVING A SR CENTER IN PLYMOUTH FINALLY HAVE A PLACE OF OUR OWN. GIVES US SOMETHING TO DO. HAVE A PLACE TO GO WHERE WE CAN DO BUSINESS - READ A BOOK - PLAY GAMES - OR JUST VISIT WITH OTHER PEOPLE, AND ATTEND SPECIAL EVENTS.

- PLACE TO GO TO MEET OTHER PEOPLE
- PLAY GAMES
- READ
- PLAY CARDS
- SPECIAL EVENTS

"We Need Your Input"

It's been almost one year that we have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what it means for the Senior Community. YOUR VOICE MATTERS!!

The Friendship Station has given The Senior Citizens of our Community a place to gather and enjoy the company of other Seniors.

We are able to meet for fun + games. There are meals and entertainment for a wide variety of folks.

A door has opened to us, old peoples and as a Tax payer over fifty years in Plymouth Township As thank you,

*Sincerely,
Jim Whelan
9065 Lilley Rd.*

ON TUESDAY, SEPTEMBER 13TH AT 7PM

**Please try to gather together and attend the Township Hall Board of Trustee's Meeting to express your appreciation for giving the Seniors a place of their own!!
(Township Hall 9944 N. Haggerty Rd.)**

"We Need Your Input"

It's been almost one year that we have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what it means for the Senior Community. YOUR VOICE MATTERS!!

I have been a member for 9 yrs. I am so happy to have this Bldg. for our Senior's Center. I also think when we sing, on some day it is wonderful. This is a place to go have a good time and meet all new people. The people that run this Senior Center can find a way to keep everyone happy. That Friendship Station is a God send.

*as always
Ann Marie Cupitae*

"We Need Your Input"

*It's been almost one year that we
have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what
it means for the Senior Community. YOUR VOICE MATTERS!!*

*The Friendship Center is a great place to
meet with friends or make new friends.
There are opportunities to play games or just
work on a puzzle ~~and~~ ^{or} enjoy the wonderful
events that Robbi plans. Robbi works so
hard to plan something that is fun, and
many of the events are educational.*

"We Need Your Input"

It's been almost one year that we

have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what

it means for the Senior Community. YOUR VOICE MATTERS!!

I enjoy attending events at the Friendship station. It has a very open & inviting atmosphere. It allows seniors to sit comfortably at tables during presentations without the risk of spilling beverages or dropping snacks.

I believe the size of the Friendship station allows us to move around freely and socialize better. This is very important as we age - the chance to visit with others to keep in ~~the~~ touch with our friends.

The Friendship station offers many new activities - the variety of events, presentations & games offers us ~~an~~ an opportunity to learn something new or participate in our favorite.

-OVER-

I believe Bobbie Cummill, the Board of Directors and Kim Boyce do an outstanding job of planning & presenting items of interest for us. The Friendship Station is an excellent setting that allows speakers to set up & discuss matters relating to health, finance & legal, etc.

I am very glad to be a member of ~~the~~ the P.C.A. & appreciate having the Friendship Station for senior activities. I feel it offers me a lifeline to be active rather than sitting home just passing time.

"We Need Your Input"

*It's been almost one year that we
have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what
it means for the Senior Community. YOUR VOICE MATTERS!!*

*I would love to see this happen,
and would participate in the activities
there. Keep us advised.*

*Jean Padula
P.O. Box 6394
Plymouth, MI 48170*

"We Need Your Input"

It's been almost one year that we have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what it means for the Senior Community. YOUR VOICE MATTERS!!

*I love all the activities,
I wish you had more in the
early evening. Every class I took
was great. The facility is
beautiful*

"We Need Your Input"

*It's been almost one year that we
have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what
it means for the Senior Community. YOUR VOICE MATTERS!!*

I love friendship station
we play Bingo
Bunko

Game day

we Bowling

Thank you for opening your
doors to us.

DT

"We Need Your Input"

*It's been almost one year that we
have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what
it means for the Senior Community. YOUR VOICE MATTERS!!*

Dear Bobbie + Staff,

I truly appreciate what you and your staff have done to make it possible for us seniors to have a comfortable, new place to go to to meet new and old friends.

Having the monthly events to attend have made a difference in my life. Otherwise I would be staying home.

Thank you for Friendship Station.

*Sincerely,
J. Atkins*

"We Need Your Input"

It's been almost one year that we have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what it means for the Senior Community. YOUR VOICE MATTERS!!

Its Good that seniors will have a place that belongs to the seniors, to talk, to play Cards, Bingo and all sorts of things that seniors enjoy.

"We Need Your Input"

*It's been almost one year that we
have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what
it means for the Senior Community. YOUR VOICE MATTERS!!*

*I would really much like to see
the Friendship Center become a senior
center for the Plymouth Area, we need
a place that will accommodate more
people. I am in favor of this.*

*Regina Czerwinski
2199 Sheldon Rd E36
Dorchester, MI 48170*

"We Need Your Input"

*It's been almost one year that we
have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what
it means for the Senior Community. YOUR VOICE MATTERS!!*

Seniors need a nice + safe place
to be able to go to + that is just
what the Friendship Station is,
the staff is so friendly +
helpful, + welcoming.

Seniors are forgotten so
many times. But the Friendship
Station will NEVER FORGET US.

Please, please don't let
anything happen to it.

Susan Blackwell

And my Aunt Vicki Whipple feels
the same way, loves Bingo with
Alumont every third week.

"We Need Your Input"

*It's been almost one year that we
have been transitioning the Friendship Station to a Senior Center, tell us how you like it and what
it means for the Senior Community. YOUR VOICE MATTERS!!*

*It's important for Seniors to have
a place to go, where they feel
they belong and are welcomed.
A place where everyone is
treated Equal.*

I am sorry not to be able to be there in person but I think it is imperative that I express my opinion.

I am extremely proud to be associated with the Plymouth Community Council on Aging. It is a marvelous way for Seniors to develop both physically, mentally and socially. Today there are so many activities and classes available because of Friendship Station. The monthly activities held at the Cultural Center are great but now classes can meet weekly offering all kinds of new opportunities.

But we must remember that none of this would be happening if it wasn't for our Director – Bobbie Pummill with the help of her assistant Cindy Morency. Bobbie took a good program and has made it fantastic. Come to one of our programs and look at the people who attend and actually sit and talk with them. I have personally found our Seniors to be intelligent, kind, funny and have strong opinions. They all adore Bobbie and appreciate everything she has done for them.

Between the new programs and Friendship Station which is the perfect place to hold them, this is a win-win situation for all of us. I thank you and I hope you keep the welfare and needs of our Senior community utmost in your minds when making any decisions.

Thank you so much for Director Bobbie Pummill and Friendship Station. It is so good to know you actually do care for Seniors and their needs!

Sincerely,
Kathy Turnquist
PCCA Board Member



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: October 25, 2016

ITEM: Application 2219 – Johnson Creek Park Rezoning

PRESENTER: Shannon Price, Township Supervisor
Jana Radtke, Community Development Director/Planner

OTHER INDIVIDUALS IN ATTENDANCE: None anticipated

BACKGROUND: The Board of Trustees passed a motion on September 27, 2016, directing the Planning Commission to hold a public hearing and consider rezoning a portion of Parcel R-78-001-99-0001-704 from IND (Industrial) to PL (Public Land). The property proposed for rezoning is a linear strip of land, which contains approximately 19 acres, and runs parallel to the Johnson Creek.

On October 19, 2016, the Planning Commission held a public hearing for the rezoning request and recommended approval to the Board of Trustees.

ACTION REQUESTED: To approve the rezoning request, as recommended by the Planning Commission.

BUDGET/ACCOUNT NUMBER: N/A

RECOMMENDATION: Approve.

MODEL RESOLUTION: I move to approve Application 2219 for the rezoning of a portion of Parcel R-78-001-99-0001-704 from IND (Industrial) to PL (Public Land), as described in the Amended Zoning Map.

ATTACHMENTS: Proposed Notice of Adoption, Concept Drawing, Legal Description



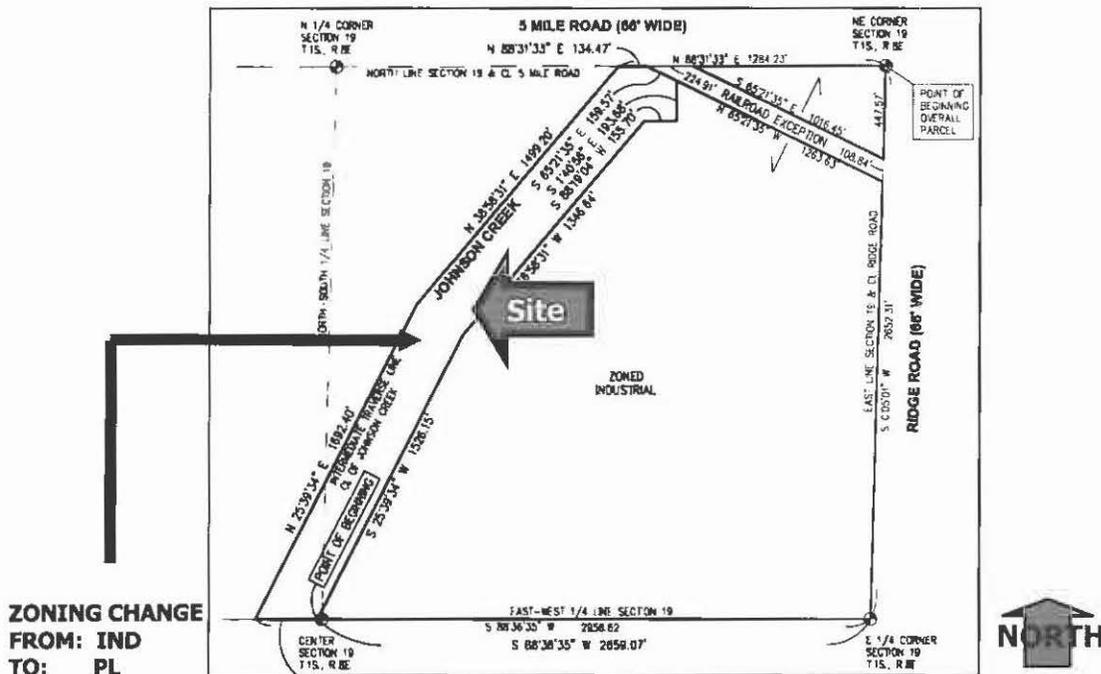
PROPOSED NOTICE OF ADOPTION

CHARTER TOWNSHIP OF PLYMOUTH ORDINANCE NO. 99. _____

AN ORDINANCE TO AMEND THE ZONING ORDINANCE OF THE CHARTER TOWNSHIP OF PLYMOUTH BY AMENDING THE ZONING MAP.

THE CHARTER TOWNSHIP OF PLYMOUTH ORDAINS:

Part I. The Charter Township of Plymouth Zoning Ordinance No. 99 is hereby amended by amending the Zoning Map in accordance with the changes indicated on Amended Zoning Map No. 019, attached hereto and made part of this Ordinance.



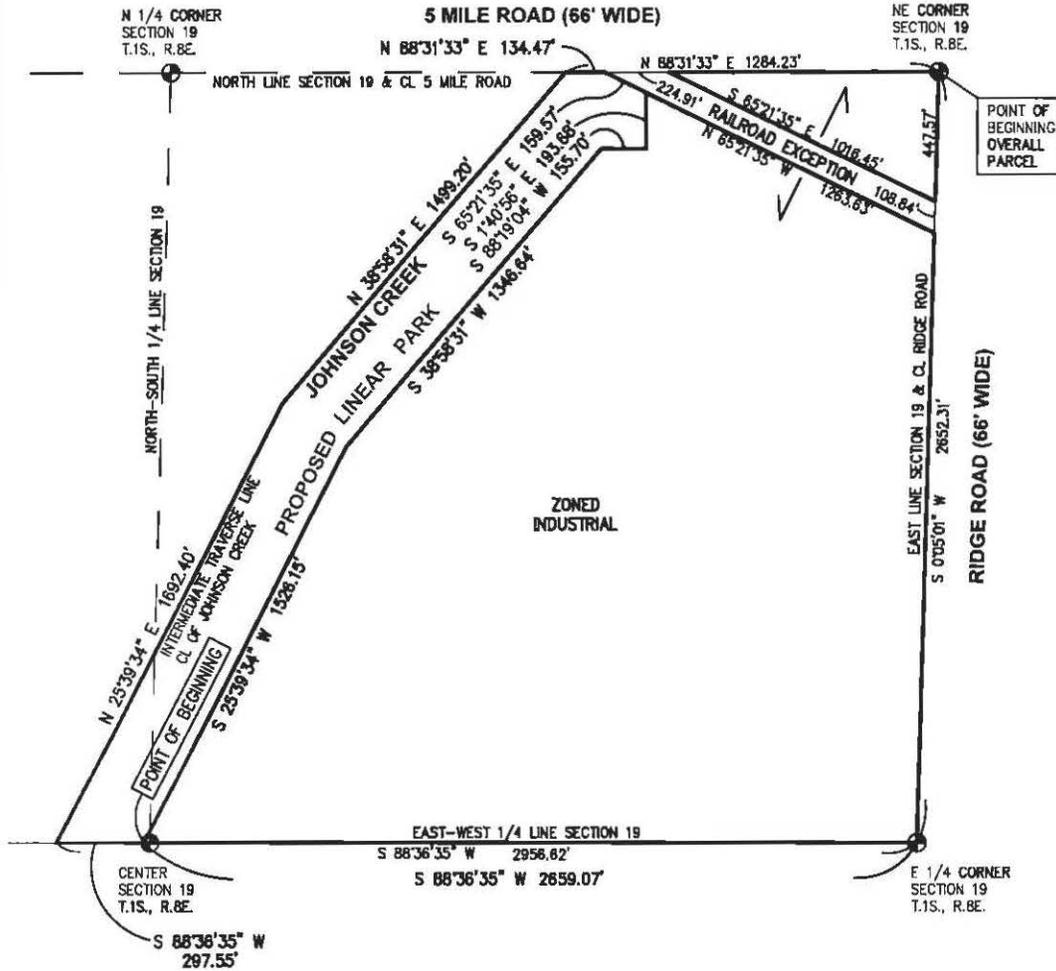
ORDINANCE NO. 99. _____ AMENDED ZONING MAP NO. 019 Charter Township of Plymouth, Wayne County, Michigan

LEGAL DESCRIPTION: For parcel/lot descriptions, see tax records based on Tax ID No. R-78-001-99-0001-704.

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

Adopted by the Board of Trustees on: (insert date)
Effective Date: (insert date)
Publish: (insert date)

EXHIBIT



NOTE:
 THE PARCEL DESCRIPTION ABOVE WAS OBTAINED FROM A CERTIFICATE OF SURVEY BY STANTEC CONSULTING (PROJECT NO. 2075105700, DATED JUNE 25, 2007). THE PARCEL DESCRIPTION IS WRITTEN BASED UPON THE FURNISHED DESCRIPTION OF THIS OVERALL PARCEL. SDA HAS NOT PERFORMED A BOUNDARY SURVEY OF THIS PARCEL AND THE PARCEL DESCRIPTION DOES NOT NECESSARILY REFLECT FIELD-MEASURED VALUES.

SEE SHEET 2 OF 2 FOR PROPERTY LEGAL DESCRIPTION

 SPALDING DeDECKER Engineers Surveyors 905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404 www.sda-eng.com	DRAWN: T. LINDOW CHECKED: T. REYNOLDS MANAGER: D. RICHMOND JOB No. PL16000	DATE: 09-26-16 DATE: 09-26-16 SCALE: 1" = 500' SHEET: 1 OF 2
	SECTION 19 TOWN 01 SOUTH RANGE 08 EAST PLYMOUTH TOWNSHIP WAYNE COUNTY, MI	

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EXHIBIT

OVERALL PROPERTY DESCRIPTION

A PARCEL OF LAND IN TOWNSHIP OF PLYMOUTH, WAYNE COUNTY, MICHIGAN, DESCRIBED AS FOLLOWS

A PARCEL OF LAND LYING EASTERLY OF JOHNSON CREEK IN THE NORTH ¼ OF SECTION 19, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN, AND BEING MORE SPECIFICALLY DESCRIBED AS BEGINNING AT THE NORTHEAST CORNER OF SAID SECTION 19. THENCE SOUTH 00 DEGREES 05'01" WEST 2652.31 FEET ALONG THE EAST LINE OF SAID SECTION 19 AND THE CENTERLINE OF RIDGE ROAD TO THE EAST AND WEST ¼ LINE OF SAID SECTION 19; THENCE SOUTH 88 DEGREES 36'35" WEST 2956.62 FEET ALONG THE EAST AND WEST ¼ LINE TO AN INTERMEDIATE TRAVERSE LINE OF THE CENTERLINE OF JOHNSON CREEK; THENCE NORTH 25 DEGREES 39'34" EAST 1692.40 FEET ALONG THE INTERMEDIATE TRAVERSE LINE OF JOHNSON CREEK; THENCE NORTH 38 DEGREES 58'31" EAST 1499.20 FEET ALONG THE INTERMEDIATE TRAVERSE LINE OF JOHNSON CREEK TO THE NORTH LINE OF SAID SECTION 19 AND THE CENTERLINE OF FIVE MILE ROAD; THENCE NORTH 88 DEGREES 31'33" EAST 1284.22 FEET ALONG THE NORTH LINE OF SAID SECTION 19 AND THE CENTERLINE OF FIVE MILE ROAD TO THE EAST LINE OF SAID SECTION 19 AND THE POINT OF BEGINNING

EXCEPTING A PARCEL OF LAND OWNED BY THE CHESAPEAKE AND OHIO RAILROAD, LYING IN THE NORTH ¼ OF SECTION 19, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN, AND BEING MORE SPECIFICALLY DESCRIBED AS COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 19, THENCE SOUTH 00 DEGREES 05'01" WEST 447.57 FEET ALONG THE EAST LINE OF SAID SECTION 19 AND THE CENTERLINE OF RIDGE ROAD FOR THE POINT OF BEGINNING OF THIS EXCEPTION DESCRIPTION; THENCE CONTINUING SOUTH 00 DEGREES 05'01" WEST 108.84 FEET ALONG THE EAST LINE OF SAID SECTION 19 AND THE CENTERLINE OF RIDGE ROAD, THENCE NORTH 65 DEGREES 21'35" WEST 1263.63 FEET TO THE NORTH LINE OF SAID SECTION 19 AND THE CENTERLINE OF FIVE MILE ROAD; THENCE NORTH 88 DEGREES 31'33" EAST 224.91 FEET ALONG THE NORTH LINE OF SAID SECTION 19 AND THE CENTERLINE OF FIVE MILE ROAD, THENCE SOUTH 65 DEGREES 21'35" EAST 1016.44 FEET TO THE EAST LINE OF SAID SECTION 19 AND THE POINT OF BEGINNING

CONTAINING 133.12 ACRES OF LAND, MORE OR LESS SUBJECT TO EASEMENTS, RESTRICTIONS AND OTHER PERTINENT INSTRUMENTS

LINEAR PARK PARCEL DESCRIPTION

A PARCEL OF LAND IN THE TOWNSHIP OF PLYMOUTH, TOWN 1 SOUTH, RANGE 8 EAST, WAYNE COUNTY, MICHIGAN, DESCRIBED AS

A PARCEL OF LAND LYING EASTERLY OF JOHNSON CREEK IN THE NORTH HALF OF SECTION 19, TOWN 1 NORTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN, AND BEING MORE SPECIFICALLY DESCRIBED AS, COMMENCING AT THE NORTHEAST CORNER OF SECTION 19. THENCE SOUTH 00 DEGREES 05 MINUTES 01 SECOND WEST 2652.31 FEET ALONG THE EAST LINE OF SECTION 19 AND CENTERLINE OF RIDGE ROAD TO THE EAST AND WEST QUARTER LINE OF SAID SECTION 19. THENCE SOUTH 88 DEGREES 36 MINUTES 35 SECONDS WEST 2659.07 FEET ALONG THE EAST AND WEST QUARTER LINE OF SAID SECTION 19 TO THE POINT OF BEGINNING OF THIS DESCRIBED PARCEL, THENCE CONTINUING ALONG THE EAST AND WEST QUARTER LINE OF SAID SECTION 19 SOUTH 88 DEGREES 36 MINUTES 35 SECONDS WEST 297.55 FEET; THENCE NORTH 25 DEGREES 39 MINUTES 34 SECONDS EAST 1692.40 FEET ALONG THE INTERMEDIATE TRAVERSE LINE OF JOHNSON CREEK, THENCE NORTH 38 DEGREES 58 MINUTES 31 SECONDS EAST 1499.20 FEET ALONG THE INTERMEDIATE TRAVERSE LINE OF JOHNSON CREEK TO THE NORTH LINE OF SAID SECTION 19 AND CENTERLINE OF FIVE MILE ROAD, THENCE NORTH 88 DEGREES 31 MINUTES 33 SECONDS EAST 134.47 FEET ALONG THE NORTH LINE OF SAID SECTION 19 AND CENTERLINE OF FIVE MILE ROAD; THENCE SOUTH 65 DEGREES 21 MINUTES 35 SECONDS EAST 159.57 FEET, THENCE SOUTH 01 DEGREE 40 MINUTES 56 SECONDS EAST 193.68 FEET, THENCE SOUTH 88 DEGREES 19 MINUTES 04 SECONDS WEST 155.70 FEET; THENCE SOUTH 38 DEGREES 58 MINUTES 31 SECONDS WEST 1346.64 FEET, THENCE SOUTH 25 DEGREES 39 MINUTES 34 SECONDS WEST 1526.15 FEET TO THE POINT OF ENDING ON THE EAST AND WEST QUARTER LINE OF SAID SECTION 19

CONTAINING 19.64 ACRES OF LAND, MORE OR LESS, SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD

SEE SHEET 1 OF 2 FOR PROPERTY SKETCH

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 J:\PL\Design\PL16000\DWG\PL16000Park-Bose.dwg



SPALDING DEDECKER
Engineers | Surveyors

905 South Blvd. East Phone: (248) 844-5400
 Rochester Hills, MI 48307 Fax: (248) 844-5404
 www.sda-eng.com

DRAWN: T. LINDOW	DATE: 09-26-16
CHECKED: T. REYNOLDS	DATE: 09-26-16
MANAGER: D. RICHMOND	SCALE: NONE
JOB No. PL16000	SHEET: 2 OF 2
SECTION 19 TOWN 01 SOUTH RANGE 08 EAST	
PLYMOUTH TOWNSHIP WAYNE COUNTY, MI	



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: October 25, 2016

ITEM: Sanitary Sewer Separation between Plymouth Township and City of Plymouth

PRESENTER: Michael MacDonald, P.E., Vice President, HRC
Patrick Fellrath, P.E., Director of Public Services

OTHER INDIVIDUALS IN ATTENDANCE: None anticipated.

BACKGROUND: Board members were provided the attached report during the Board of Trustees Meeting on October 11, 2016.

A more formal presentation of the analysis and findings will be provided by the report's author, Hubbell, Roth & Clark, Inc. (HRC).

ACTION REQUESTED: N/A

BUDGET/ACCOUNT NUMBER: N/A

MODEL RESOLUTION: N/A

ATTACHMENTS: HRC Report dated October 10, 2016



HUBBELL, ROTH & CLARK, INC.
CONSULTING ENGINEERS SINCE 1915

PRINCIPALS

George E. Hubbell
Thomas E. Biehl
Keith D. McCormack
Nancy M.D. Faught
Daniel W. Mitchell
Jesse B. VanDeCreek
Roland N. Alix
Michael C. MacDonald
James F. Burton

SENIOR ASSOCIATES

Gary J. Tressel
Randal L. Ford
William R. Davis
Dennis J. Benoit
Robert F. DeFrain
Thomas D. LaCross
Albert P. Mickalich
Timothy H. Sullivan

ASSOCIATES

Jonathan E. Booth
Marvin A. Olane
Marshall J. Grazioli
Donna M. Martin
Charles E. Hart
Colleen L. Hill-Stramsak
Bradley W. Shepler
Karyn M. Stickle
Jane M. Graham
Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga

HUBBELL, ROTH & CLARK, INC.

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PHONE: 248.454.6300
FAX: 248.454.6312
WEBSITE: www.hrc-engr.com
EMAIL: info@hrc-engr.com

October 10, 2016

Charter Township of Plymouth
9955 Haggerty Road
Plymouth, Michigan 48170

Attn: Patrick Fellrath, P.E., Director of Public Utilities

Re: Sanitary Sewer Separation
Opinion of Probable Cost

HRC Job No. 20160844

Dear Mr. Fellrath:

As requested at our September 26, 2016 meeting and during our telephone conversation on October 5, 2016, we are providing an Opinion of Probable Cost for the potential sanitary sewer separation of the Plymouth Township and City of Plymouth systems. As you are aware, there are two locations where Plymouth Township interceptor sewers enter the City of Plymouth and comeingle with sewage from the City of Plymouth. The entry points into the City are located along Sheldon Road, approximately 650 feet north of Ann Arbor Trail at the Tonquish Creek and approximately 600 feet north of Ann Arbor Road at Pinetree Drive. The interceptor sewers which enter the City of Plymouth comeingle with City sewage and re-enter the Township along Ann Arbor Road approximately 1,600 feet west of Lilley Road at the Tonquish Creek S. Branch. Based on our discussion it is estimated that approximately fifty percent (50%) of the sewage flow from the City of Plymouth comeingles with sewage from the Township downstream of Ann Arbor Road to the Western township Utility Authority (WTUA) facility located at Joy and Haggerty Roads. The commingled sewage is directed into the WTUA facility for discharge, and storage if necessary, prior to discharge to the Wayne County and/or Ypsilanti Community Utility Authority system (YCUA).

The need for this Opinion of Probable Cost is to allow the implementation of WTUA's planned improvements to discharge all WTUA member flow to the YCUA system. It is our understanding that if the Township and City sewage flows continue to be comeingled, the necessary improvements to the WTUA system are greatly increased.

As you are aware, the separation of the Township and City systems was last discussed and estimated in 1990 but due to the cost it was not pursued. Our Opinion of Probable Cost provides an update to the sewer route proposed in 1990 and is titled Base Route – Gravity Sewer for City and Township. In addition, we discussed an additional route which reduces the amount of new sewer required for Plymouth Township and is titled Alternate Route - Gravity Sewer for City and Township. The potential Base Route and Alternate Route are as shown on the attached Plymouth Township Map of Sanitary Sewers and summarized below:

Base Route – Gravity Sewer for City and Township

City of Plymouth Sewer – Segment I

- 21” sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21” sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.

- 21” sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township Sewer – Segment II

- 21” to 30” sanitary sewer along Sheldon Road from north of Ann Arbor Trail, at Tonquish creek, to Joy Road.
- 36” sanitary sewer along Joy Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

Alternate Route – Gravity Sewer for City and Township

City of Plymouth Sewer – Segment I

- 21” sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21” sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.
- 21” sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township Sewer – Segment II

- 21” sanitary sewer along Sheldon Road from north of Ann Arbor Trail, at Tonquish Creek, to Ann Arbor Road.
- 30” sanitary sewer along Ann Arbor Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

The Opinion of Probable Costs for each of the potential sewer routes are as shown in the attached tables and summarized below:

Base Route – Gravity Sewer for City and Township	\$18,350,000
Alternate Route – Gravity Sewer for City and Township	\$14,270,000

In addition to the reduced cost associated with the alternate route, an additional benefit is that the existing 30” sewer south of Ann Arbor Road along the Tonquish Creek S. Branch will be continue have sufficient flow within the pipe to maintain a velocity to avoid debris/solids from gathering in the pipe. In the base alternative very little flow from the Township would be passing through the sewer and it would likely require regular cleaning of the sewer.

The above costs include a construction contingency of 15% along with an allowance of 20% for design, bid documents, construction administration, construction observation, and construction testing. It is the intent for the sewers to be installed within public road right of way or recorded easements so additional easement acquisition costs have

not been included. Due to the discussions of this potential sewer separation discussions being in the early stages, a detailed route study was not prudent to be completed at this time. Due to the presence of many existing utilities within the road right of ways, likely exacerbated by many of the roads being municipal boundaries and having dual municipal utilities, it is our recommendation that a detailed route study be completed prior to selection of a route and the commencement of final design.

The Opinion of Probable Costs for a gravity sewer for both Plymouth Township and the City of Plymouth are also based on the following assumptions:

1. A miscellaneous storm sewer removal and replacement quantity has been included for crossing storm sewer laterals.
2. Along Sheldon Road the proposed sewer will likely be located on the eastern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
3. Sheldon Road is an existing 5-lane roadway and costs assume that 3 lanes of roadway will require reconstruction to facilitate 25-30' sewer depth.
4. Along Joy Road the proposed sewer will likely be located on the southern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
5. Joy Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that roadway will require full width reconstruction to facilitate 25-30' sewer depth.
6. Ann Arbor Road is an existing 5-lane roadway and costs assume that 3 lanes of roadway will require reconstruction to facilitate 25-30' sewer depth.
7. Lilley Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that roadway will require full width reconstruction to facilitate 25-30' sewer depth.
8. Costs for crossing the Tonquish Creek by tunnel, jack or bore construction method have been included.
9. Costs for crossing the at-grade Railroad tracks on Joy Road, west of Haggerty Road, by tunnel, jack or bore construction method have been included.
10. HMA Pavement Restoration, Concrete Pavement Restoration and Curb and Gutter Restoration includes costs to complete the pavement replacement, provide aggregate base course, underdrains and pavement markings for the limits described above.
11. It is anticipated that the existing sewers will remain in service during project construction but an allowance for by-pass pumping has been included for use during the connections to the existing sewers.
12. The proposed sewer sizes match the existing sewer sizes but it is recommended that a capacity review of the existing system be performed prior to final design to confirm the needs of the Township and the City.

In addition, an Opinion of Probable Cost for alternatives to provide two (2) pump stations and a force main, for the Plymouth Township portion of the improvements, are also provided to allow comparison of the capital cost difference between the gravity sewer and pumped systems. If deemed to provide a viable initial savings, a life cycle

analysis for the alternate gravity and pumped systems can be prepared to account for yearly operation and maintenance costs. Our Opinion of Probable Cost for the pumped alternative follows the route proposed in 1990 and is titled Base Route – Gravity for City and Pumped for Township. In addition, we discussed an additional route which reduces the amount of new force main required for Plymouth Township and is titled Alternate Route - Gravity for City and Pumped for Township. The potential Base Route and Alternate Route are as shown on the attached Plymouth Township Map of Sanitary Sewers and summarized below:

Base Route – Gravity Sewer for City and Pump Station System for Township

City of Plymouth Sewer – Segment I

- 21” sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21” sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.
- 21” sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township PS and Force Main – Segment II

- Pump station located at north sewer crossing of Sheldon Road, in vicinity of Tonquish Creek.
- Pump station located at south sewer crossing of Sheldon Road, in vicinity of Pinetree Drive.
- 16” force main along Sheldon Road between above noted north and south pump stations.
- 20” force main along Sheldon Road from south pump station at Pinetree Drive to Joy Road and along Joy Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

Alternate Route – Gravity Sewer for City and Pump Station System for Township

City of Plymouth Sewer – Segment I

- 21” sanitary sewer along Ann Arbor Road from west of Lilley, at Tonquish Creek S. Branch, to Lilley Road.
- 21” sanitary sewer along Lilley Road from Ann Arbor Road to Joy Road.
- 21” sanitary sewer along Joy Road from Lilley Road to just east of the WTUA facility at Haggerty Road. The new sewer would discharge into the existing WTUA diversion chamber in front of their facility but on the east side of the divider wall within the chamber to allow a direct discharge to the Wayne County interceptor sewer.

Plymouth Township PS and Force Main – Segment II

- Pump station located at north sewer crossing of Sheldon Road, in vicinity of

Tonquish Creek.

- Pump station located at south sewer crossing of Sheldon Road, in vicinity of Pinetree Drive.
- 16" force main along Sheldon Road between above noted north and south pump stations.
- 20" force main along Sheldon Road from south pump station at Pinetree Drive to Ann Arbor Road and along Ann Arbor Road from Sheldon Road to west of Lilley Road, at Tonquish Creek S. Branch.

The Opinion of Probable Costs for each of the potential pump station force main routes (including gravity sewer for the City) are as shown in the attached tables and summarized below:

Base Route – Gravity Sewer for City and PS/Force Main for Township
\$12,766,000

Alternate Route – Gravity Sewer for City and PS/Force Main for Township
\$10,651,000

In addition to the reduced cost associated with the alternate route, an additional benefit is that the existing 30" sewer south of Ann Arbor Road along the Tonquish Creek S. Branch will be continue have sufficient flow within the pipe to maintain a velocity to avoid debris/solids from gathering in the pipe. In the base alternative very little flow from the Township would be passing through the sewer and it would likely require regular cleaning of the sewer.

The above costs include a construction contingency of 15% along with an allowance of 20% for design, bid documents, construction administration, construction observation, and construction testing. It is the intent for the sewers, pump stations and force mains to be installed within public road right of way or recorded easements so additional easement acquisition costs have not been included. Due to the discussions of this potential sewer separation discussions being in the early stages, a detailed route study was not prudent to be completed at this time. Due to the presence of many existing utilities within the road right of ways, likely exacerbated by many of the roads being municipal boundaries and having dual municipal utilities, it is our recommendation that a detailed route study be completed prior to selection of a route and the commencement of final design.

The Opinion of Probable Costs for a pump station/force main system for Plymouth Township and a gravity sewer for the City of Plymouth are also based on the following assumptions:

1. The force main would be installed utilizing HDPE pipe and be installed directional drilling to minimize roadway and landscaping removal and replacement. Jacking and receiving pits will be spaced at intervals of approximately 800 feet. Costs for roadway and landscaping restoration have been included at the pit locations.
2. The north pump station would be a a triplex (three pump) submersible

- configuration; with assumed 12-foot diameter precast concrete wetwell and valve vault structures, peak pumping capacity of 1,875 gpm (2.70 MGD) with two pumps running, 3 x 15 HP submersible pumps, SCADA compatible with existing Township facilities, onsite natural gas emergency generator and automatic transfer switch, and an integrated control and power panel in a stainless steel outdoor enclosure.
3. The south pump station would be a a triplex (three pump) submersible configuration; with assumed 12-foot diameter precast concrete wetwell and valve vault structures, peak pumping capacity of 2,430 gpm (3.50 MGD) with two pumps running, 3 x 20 HP submersible pumps, SCADA compatible with existing Township facilities, onsite natural gas emergency generator and automatic transfer switch, and an integrated control and power panel in a stainless steel outdoor enclosure.
 4. Must be located outside of the limits of the 100-year floodplain.
 5. Pump station costs do include redundant power during emergency conditions.
 6. Along Sheldon Road the proposed force main will likely be located on the eastern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
 7. Along Joy Road the proposed sewer will likely be located on the southern side of the roadway to avoid conflict with the existing 36" GLWA transmission water main and other existing utilities.
 8. Joy Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that for the City's gravity sewer installation the roadway will require full width reconstruction to facilitate 25-30' sewer depth.
 9. Ann Arbor Road is an existing 5-lane roadway and costs assume that for the City's gravity sewer installation 3 lanes of roadway will require reconstruction to facilitate 25-30' sewer depth.
 10. Lilley Road is primarily 2-lanes with miscellaneous turn lanes and costs assume that for the City's gravity sewer installation the roadway will require full width reconstruction to facilitate 25-30' sewer depth.
 11. Costs for crossing the at-grade Railroad tracks on Joy Road, west of Haggerty Road, by tunnel, jack or bore construction method have been included for the City's gravity sewer.
 12. HMA Pavement Restoration, Concrete Pavement Restoration and Curb and Gutter Restoration includes costs to complete the pavement replacement, provide aggregate base course, underdrains and pavement markings for the limits described above.
 13. It is anticipated that the existing sewers will remain in service during project construction but an allowance for by-pass pumping has been included for use during the connections to the existing sewers.

The proposed gravity sewer sizes match the existing sewer sizes but it is recommended that a capacity review of the existing system be performed prior to final design to confirm the needs of the Township and the City. In addition, flows utilized for the preliminary pump station and force main sizing should be confirmed as well during a capacity review of each system prior to final design.

Patrick Fellrath, P.E.
October 10, 2016
HRC Job Number 20160844
Page 7 of 7

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Michael C. MacDonald
Vice-President

MM/mm
Attachment

pc: WTUA; A. Sprague
HRC; File

**Charter Township of Plymouth
Sanitary Sewer Separation**

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

PRINCIPALS
George E. Hubbell
Thomas E. Biehl
Keith D. McCormack
Nancy M. D. Faught
Daniel W. Mitchell
Jesse B. VanDeCreek
Roland N. Alor
Michael C. MacDonald
James F. Burton

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Timothy H. Sullivan

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Charles E. Hart
Colleen L. Hill-Stramsak
Bradley W. Shepler
Karyn M. Sichel
Jane M. Graham
Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga

BASE ROUTE

Item Description

Unit	Quantity	Unit Price	Amount
Segment I - Gravity Sewer System for City of Plymouth			
LS	1	\$206,000.00	\$206,000.00
Syd	29,000	\$8.00	\$232,000.00
Ft	300	\$60.00	\$18,000.00
Ft	8,100	\$250.00	\$2,025,000.00
Ft	120	\$500.00	\$60,000.00
LS	1	\$125,000.00	\$125,000.00
LS	1	\$60,000.00	\$60,000.00
Ea	20	\$3,500.00	\$70,000.00
Ft	8,500	\$24.00	\$204,000.00
Ton	9,600	\$125.00	\$1,200,000.00
LS	1	\$50,000.00	\$50,000.00
LS	1	\$35,000.00	\$35,000.00
LS	1	\$60,000.00	\$60,000.00
LS	1	\$60,000.00	\$60,000.00
LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment I			\$4,480,000.00

Segment II - Gravity Sewer System for Plymouth Township (Joy Road Outlet)

LS	1	\$255,000.00	\$255,000.00
Syd	50,000	\$8.00	\$400,000.00
Ft	500	\$60.00	\$30,000.00
Ft	5,200	\$250.00	\$1,300,000.00
Ft	200	\$500.00	\$100,000.00
Ft	2,640	\$350.00	\$924,000.00
Ft	4,460	\$400.00	\$1,784,000.00
LS	1	\$80,000.00	\$80,000.00
LS	1	\$60,000.00	\$60,000.00
LS	1	\$78,000.00	\$78,000.00
Ea	30	\$3,500.00	\$105,000.00
Ft	10,500	\$24.00	\$252,000.00
Syd	33,000	\$75.00	\$2,475,000.00
Ton	13,200	\$125.00	\$1,650,000.00
LS	1	\$60,000.00	\$60,000.00
LS	1	\$46,500.00	\$46,500.00
LS	1	\$110,000.00	\$110,000.00
LS	1	\$75,000.00	\$75,000.00
LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment II			\$9,859,500.00

Estimated Construction Cost Segment I & II \$13,593,500.00

Construction Contingency (15%) \$2,039,000.00

Design, Construction Administration & Inspection (20%) \$2,717,500.00

Total Opinion of Probable Cost \$18,350,000.00

ASSUMPTIONS:

1. No Costs for Easement Acquisition Included
2. No soils data available at time of estimate
3. Detailed Route Survey has not been completed at this time
4. Confirmation of Sewer Capacity has not been completed at this time

**Charter Township of Plymouth
Sanitary Sewer Separation**

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

PRINCIPALS
George E. Hubbell
Thomas E. Beht
Kerth D. McCormack
Nancy M. D. Faught
Daniel W. Mitchell
Jesse B. VanDeCreek
Roland N. Alz
Michael C. MacDonald
James F. Burton

SENIOR ASSOCIATES
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Bradley W. Shepler
Karyn M. Stichel
Jane M. Graham
Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga

ALTERNATE ROUTE

Item Description	Unit	Quantity	Unit Price	Amount
Segment I - Gavity Sewer System for City of Plymouth				
Mobilization	LS	1	\$206,000.00	\$206,000.00
Pavement Removal	Syd	29,000	\$8.00	\$232,000.00
Existing Storm System Remove and Replace	Ft	300	\$60.00	\$18,000.00
21" Sanitary Sewer w/Sand Backfill	Ft	8,100	\$250.00	\$2,025,000.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	120	\$500.00	\$60,000.00
Upstream Junction Chamber	LS	1	\$125,000.00	\$125,000.00
Connection to Existing Downstream Junction Chamber	LS	1	\$60,000.00	\$60,000.00
Sanitary Manhole	Ea	20	\$3,500.00	\$70,000.00
Curb and Gutter, Concrete	Ft	8,500	\$24.00	\$204,000.00
HMA Surface Restoration	Ton	9,600	\$125.00	\$1,200,000.00
Turf Restoration	LS	1	\$50,000.00	\$50,000.00
Allowance for Landscape Restoration	LS	1	\$35,000.00	\$35,000.00
Traffic Control	LS	1	\$60,000.00	\$60,000.00
Allowance for Bypass Pumping	LS	1	\$60,000.00	\$60,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segement I				\$4,480,000.00

Segment II - Gravity Sewer System for Plymouth Township (Ann Arbor Rd Outlet)

HUBBELL, ROTH & CLARK, INC.
OFFICE 555 Hulet Drive
Bloomfield Hills, MI 48302-0360
MAILING PO Box 824
Bloomfield Hills, MI 48303-0824
PHONE 248.454.6300
FAX 248.454.6312
WEBSITE www.hrc-engr.com
EMAIL info@hrc-engr.com

Mobilization	LS	1	\$168,000.00	\$168,000.00
Pavement Removal	Syd	37,000	\$8.00	\$296,000.00
Existing Storm System Remove and Replace	Ft	400	\$60.00	\$24,000.00
21" Sanitary Sewer w/Sand Backfill	Ft	5,200	\$250.00	\$1,300,000.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	200	\$500.00	\$100,000.00
30" Sanitary Sewer w/Sand Backfill	Ft	3,800	\$350.00	\$1,330,000.00
Sheldon Rd Junction Chamber, North of Ann Arbor Trail	LS	1	\$80,000.00	\$80,000.00
Junction Chamber, Pinetree Dr.	LS	1	\$60,000.00	\$60,000.00
Ann Arbor Road Junction Chamber, Outlet	LS	1	\$76,000.00	\$76,000.00
Sanitary Manhole	Ea	22	\$3,500.00	\$77,000.00
Curb and Gutter, Concrete	Ft	1,000	\$24.00	\$24,000.00
Concrete Pavement Restoration	Syd	22,000	\$75.00	\$1,650,000.00
HMA Surface Restoration	Ton	9,800	\$125.00	\$1,225,000.00
Turf Restoration	LS	1	\$50,000.00	\$50,000.00
Allowance for Landscape Restoration	LS	1	\$40,000.00	\$40,000.00
Traffic Control	LS	1	\$100,000.00	\$100,000.00
Allowance for Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segement II				\$6,750,000.00

Estimated Construction Cost Segment I & II \$10,571,000.00

Construction Contingency (15%) \$1,585,000.00

Design, Construction Administration & Inspection (20%) \$2,114,000.00

Total Opinion of Probable Cost \$14,270,000.00

ASSUMPTIONS:

1. No Costs for Easement Acquisition Included
2. No soils data available at time of estimate
3. Detailed Route Survey has not been completed at this time
4. Confirmation of Sewer Capacity has not been completed at this time

**Charter Township of Plymouth
Sanitary Sewer Separation**

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

PRINCIPALS		BASE ROUTE				
SENIOR ASSOCIATES		Item Description	Unit	Quantity	Unit Price	Amount
George E. Hubbell		Segment I - Gavity Sewer System for City of Plymouth				
Thomas E. Biehl		Mobilization	LS	1	\$206,000.00	\$206,000.00
Keith D. McCormack		Pavement Removal	Syd	29,000	\$8.00	\$232,000.00
Nancy M. D. Faught		Existing Storm System Remove and Replace	Ft	300	\$60.00	\$18,000.00
Daniel W. Mitchell		21" Sanitary Sewer w/Sand Backfill	Ft	8,100	\$250.00	\$2,025,000.00
Jesse B. VanDeCreek		21" Sanitary Sewer, Tunnel Jack & Bore	Ft	120	\$500.00	\$60,000.00
Roland N. Aja		Upstream Junction Chamber	LS	1	\$125,000.00	\$125,000.00
Michael C. MacDonald		Connection to Existing Downstream Junction Chamber	LS	1	\$60,000.00	\$60,000.00
James F. Burton		Sanitary Manhole	Ea	20	\$3,500.00	\$70,000.00
		Curb and Gutter, Concrete	Ft	8,500	\$24.00	\$204,000.00
		HMA Surface Restoration	Ton	9,600	\$125.00	\$1,200,000.00
		Turf Restoration	LS	1	\$50,000.00	\$50,000.00
		Allowance for Landscape Restoration	LS	1	\$35,000.00	\$35,000.00
		Traffic Control	LS	1	\$60,000.00	\$60,000.00
		Allowance for Bypass Pumping	LS	1	\$60,000.00	\$60,000.00
		Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
		Sub-Total Segment I				\$4,480,000.00

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EMAIL: info@hrc-engr.com

Segment II - Pumped Sewer System for Plymouth Township (Joy Road Outlet)

Mobilization	LS	1	\$219,000.00	\$219,000.00
Pavement Removal	Syd	1,100	\$16.00	\$17,600.00
Pump Station #1	LS	1	\$750,000.00	\$750,000.00
Pump Station #2	LS	1	\$805,000.00	\$805,000.00
16" HPDE HDD Sanitary Force Main	Ft	4,920	\$180.00	\$885,600.00
20" HPDE HDD Sanitary Force Main	Ft	7,500	\$235.00	\$1,762,500.00
36" Sanitary Sewer w/Sand Backfill	Ft	50	\$400.00	\$20,000.00
30" Sanitary Sewer w/Sand Backfill	Ft	50	\$350.00	\$17,500.00
21" Sanitary Sewer w/Sand Backfill	Ft	50	\$250.00	\$12,500.00
Joy Road Junction Chamber, Outlet	LS	1	\$78,000.00	\$78,000.00
Sanitary Manhole	Ea	2	\$8,000.00	\$16,000.00
Exploratory Excavation and Utility Locating	LS	1	\$20,000.00	\$20,000.00
Curb and Gutter, Concrete	Ft	300	\$24.00	\$7,200.00
Concrete Pavement Restoration	Syd	700	\$75.00	\$52,500.00
HMA Surface Restoration	Ton	300	\$125.00	\$37,500.00
Turf Restoration	LS	1	\$30,000.00	\$30,000.00
Allowance for Landscape Restoration	LS	1	\$17,600.00	\$17,600.00
Traffic Control	LS	1	\$70,000.00	\$70,000.00
Allowance for Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment II				\$4,968,500.00

Estimated Construction Cost Segment I & II \$8,738,500.00

Construction Contingency (15%) \$1,310,000.00

Design, Construction Administration & Inspection (20%) \$2,717,500.00

Total Opinion of Probable Cost \$12,766,000.00

ASSUMPTIONS:

1. No Costs for Easement Acquisition Included
2. No soils data available at time of estimate
3. Detailed Route Survey has not been completed at this time
4. Confirmation of Sewer Capacity has not been completed at this time

**Charter Township of Plymouth
Sanitary Sewer Separation**

Engineer's Opinion of Probable Cost

HRC Job No. 20160844

PRINCIPALS
George E. Hubbell
Thomas E. Biehl
Keith D. McCormack
Nancy M. D. Faught
Daniel W. Mitchell
Jesse B. VanDeCreek
Roland N. Alik
Michael C. MacDonald
James F. Burton

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Jane M. Graham
Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga

ALTERNATE ROUTE

Item Description

Segment I - Gavity Sewer System for City of Plymouth

Item Description	Unit	Quantity	Unit Price	Amount
Mobilization	LS	1	\$206,000.00	\$206,000.00
Pavement Removal	Syd	29,000	\$8.00	\$232,000.00
Existing Storm System Remove and Replace	Ft	300	\$60.00	\$18,000.00
21" Sanitary Sewer w/Sand Backfill	Ft	8,100	\$250.00	\$2,025,000.00
21" Sanitary Sewer, Tunnel Jack & Bore	Ft	120	\$500.00	\$60,000.00
Upstream Junction Chamber	LS	1	\$125,000.00	\$125,000.00
Connection to Existing Downstream Junction Chamber	LS	1	\$60,000.00	\$60,000.00
Sanitary Manhole	Ea	20	\$3,500.00	\$70,000.00
Curb and Gutter, Concrete	Ft	8,500	\$24.00	\$204,000.00
HMA Surface Restoration	Ton	9,600	\$125.00	\$1,200,000.00
Turf Restoration	LS	1	\$50,000.00	\$50,000.00
Allowance for Landscape Restoration	LS	1	\$35,000.00	\$35,000.00
Traffic Control	LS	1	\$60,000.00	\$60,000.00
Allowance for Bypass Pumping	LS	1	\$60,000.00	\$60,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment I				\$4,480,000.00

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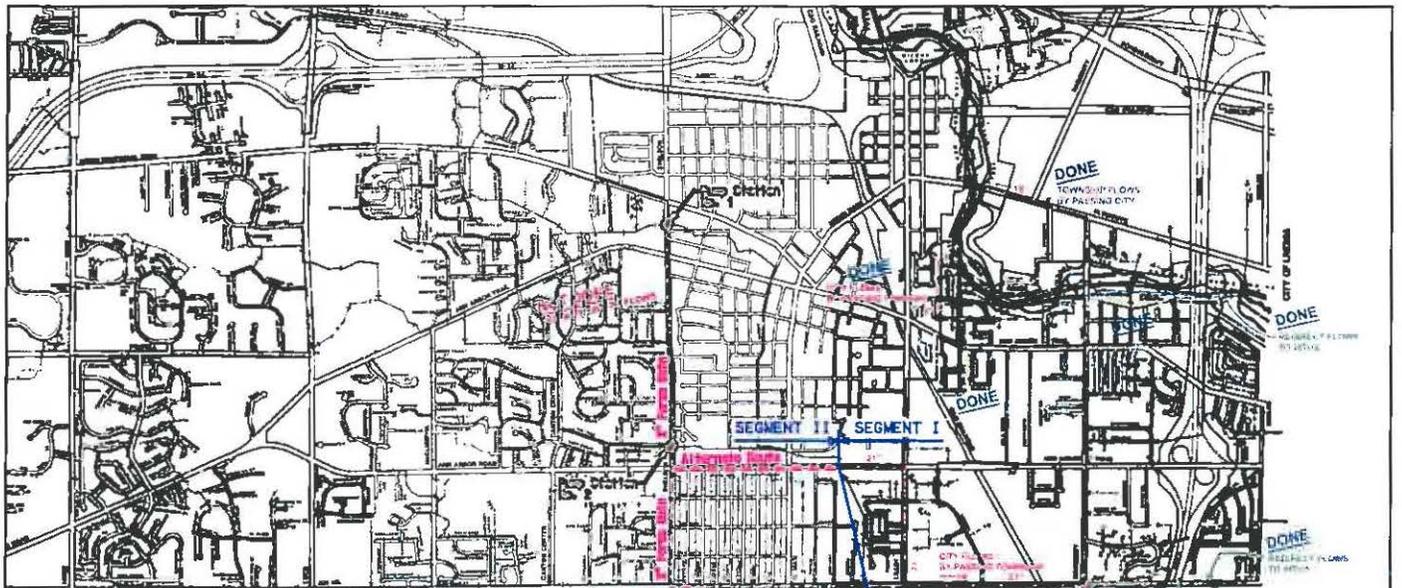
Segment II - Pumped Sewer System for Plymouth Township (Ann Arbor Rd Outlet)

Mobilization	LS	1	\$179,000.00	\$179,000.00
Pavement Removal	Syd	725	\$8.00	\$5,800.00
Pump Station #1	LS	1	\$750,000.00	\$750,000.00
Pump Station #2	LS	1	\$805,000.00	\$805,000.00
16" HPDE HDD Sanitary Force Main	Ft	4,920	\$180.00	\$885,600.00
20" HPDE HDD Sanitary Force Main	Ft	4,200	\$235.00	\$987,000.00
30" Sanitary Sewer w/Sand Backfill	Ft	50	\$350.00	\$17,500.00
21" Sanitary Sewer w/Sand Backfill	Ft	50	\$250.00	\$12,500.00
Ann Arbor Road Junction Chamber, Outlet	LS	1	\$76,000.00	\$76,000.00
Sanitary Manhole	Ea	2	\$8,000.00	\$16,000.00
Exploratory Excavation and Utility Locating	LS	1	\$20,000.00	\$20,000.00
Curb and Gutter, Concrete	Ft	300	\$24.00	\$7,200.00
Concrete Pavement Restoration	Syd	450	\$75.00	\$33,750.00
HMA Surface Restoration	Ton	200	\$125.00	\$25,000.00
Turf Restoration	LS	1	\$24,500.00	\$24,500.00
Allowance for Landscape Restoration	LS	1	\$15,150.00	\$15,150.00
Traffic Control	LS	1	\$70,000.00	\$70,000.00
Allowance for Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
Allowance for Dewatering	LS	1	\$75,000.00	\$75,000.00
Sub-Total Segment II				\$4,080,000.00

Estimated Construction Cost Segment I & II	\$7,890,000.00
Construction Contingency (15%)	\$1,183,000.00
Design, Construction Administration & Inspection (20%)	\$1,578,000.00
Total Opinion of Probable Cost	\$10,651,000.00

ASSUMPTIONS:

1. No Costs for Easement Acquisition Included
2. No soils data available at time of estimate
3. Detailed Route Survey has not been completed at this time
4. Confirmation of Sewer Capacity has not been completed at this time



FOUND OF TOWNSHIP

1. Sewerage	2. Water
3. Gas	4. Electric
5. Telephone	6. Cable
7. Sewer	8. Water
9. Gas	10. Electric
11. Telephone	12. Cable

SEWERAGE OF PUBLIC SERVICE

1. Sewer	2. Water
3. Gas	4. Electric
5. Telephone	6. Cable

WASTEWATER OF PUBLIC SERVICE

1. Sewer	2. Water
3. Gas	4. Electric
5. Telephone	6. Cable

MAP OF SANITARY SEWERS

Prepared for: THE BOARD OF TOWNSHIP OF PLYMOUTH ENGINEERING DEPARTMENT OCTOBER 1987



GRAVITY SEWER SYSTEM FOR CITY OF PLYMOUTH AND PUMP STATION SYSTEM FOR PLYMOUTH TOWNSHIP





**CHARTER TOWNSHIP OF PLYMOUTH
REQUEST FOR BOARD ACTION**

MEETING DATE: October 25, 2016

ITEM: Amended 2016 State Drug Forfeiture Budget

PRESENTER: Ron Edwards, Treasurer

OTHER INDIVIDUALS IN ATTENDANCE: Chief Tom Tiderington

**BACKGROUND: Police Chief Tiderington is requesting the purchase of (3)
Additional Police SUV vehicles, (1) SUV for Administration,
\$10000 for Tasers and Bullet Proof Vests.**

ACTION REQUESTED: Approve Resolution

BUDGET/ACCOUNT NUMBER: N/A

RECOMMENDATION: Approve

**MODEL RESOLUTION: I move to approve resolution 2016-10-25-24 adopting the
Amended 2016 State Drug Forfeiture Fund Budget**

Charter Township of Plymouth

Amended 2016 State Drug Forfeiture Fund Budget

Resolution 2016-10-25-24

WHEREAS, the Township Supervisor has presented the Amended 2016 Budget for the State Drug Forfeiture Fund, and;
WHEREAS, the Board of Trustees has been advised of the contents of said Budget;
NOW, THEREFORE, BE IT RESOLVED, that the State Drug Forfeiture Fund Budget be approved as presented:

	Actual 2014	Actual 2015	Current 2016 <u>Budget</u>	July <u>YTD</u>	Amended 2016 <u>Budget</u>
<u>REVENUE</u>					
Interest	\$ 371	\$ 116	\$ 300	\$ 49	\$ 300
Forfeitures and Grants	\$ 8,232	\$ -	\$ 20,000	\$ 139,008	\$ 225,000
Total Revenue	\$ 8,603	\$ 116	\$ 20,300	\$ 139,057	\$ 225,300
<u>EXPENDITURES</u>					
Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Overtime	\$ -	\$ -	\$ -	\$ -	\$ -
Canine	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual Services	\$ -	\$ -	\$ 2,500	\$ -	\$ 2,500
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Pension	\$ -	\$ -	\$ -	\$ -	\$ -
Uniforms	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Social Security	\$ -	\$ -	\$ -	\$ -	\$ -
Workmen's Compensation	\$ -	\$ -	\$ -	\$ -	\$ -
Education/Training	\$ -	\$ -	\$ -	\$ -	\$ -
Audit Services	\$ -	\$ -	\$ 1,000	\$ -	\$ 2,500
Miscellaneous	\$ -	\$ 24,566	\$ 5,000	\$ -	\$ 5,000
Capital Outlay	\$ -	\$ -	\$ 7,500	\$ -	\$ 185,000
Total Expenditures	\$ -	\$ 24,566	\$ 16,000	\$ -	\$ 220,000
Fund Balance Beginning	\$ 17,076	\$ 25,679	\$ 1,229	\$ 1,229	\$ 1,229
Fund Balance Ending	\$ 25,679	\$ 1,229	\$ 5,529	\$ 140,286	\$ 6,529

Charter Township of Plymouth

**AMENDED 2016 STATE
DRUG FORFEITURE FUND BUDGET**

Resolution 2016-10-25-24 (Continued)

Present: [Price, Curmi, Conzelman, Doroshewitz, Edwards, Kelly, Mann]

Absent: [None]

Moved:

Second:

Ayes:

Nays:

Adopted Date: [October 25, 2016]

I, Nancy C. Conzelman, Clerk of the Charter Township of Plymouth, Wayne County, State of Michigan, do hereby certify that the foregoing is a true copy of a Resolution adopted by the Charter Township of Plymouth Board of Trustees at their Regular Meeting held on the Adopted Date, the original of which is on file in my office.

**Nancy C. Conzelman, Clerk
Charter Township of Plymouth**

CERTIFICATION

STATE OF MICHIGAN)
)
COUNTY OF WAYNE)

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Township Board of the Charter Township of Plymouth, County of Wayne, State of Michigan, at a meeting held on the Adopted Date, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meeting Act, being Public Act 267, Public Acts of Michigan, 1976, and the minutes of said meeting were kept and will be or have been made available as required by the Act.

Nancy C. Conzelman,
Plymouth Township Clerk

Date

Resolution: 2016-10-25-24



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: October 25, 2016

ITEM: Re-adoption of Ridgewood Hills Nos. 2, 3 and 4 Subdivisions Road Rehabilitation Special Assessment District (SAD) Assessment Roll

PRESENTER: Patrick Fellrath, P.E., Director of Public Services
Kevin Bennett, Township Attorney

OTHER INDIVIDUALS IN ATTENDANCE: None anticipated.

BACKGROUND: Scrivener's errors, namely incorrect Tax ID Numbers assigned to several record addresses were recently discovered by Township staff. The affected records are highlighted in the attached corrected version of the roll.

The correction and re-adoption of the assessment roll will not affect the validity of the past legal notice published in the newspaper and forwarded to each resident within the district.

ACTION REQUESTED: Re-adopt assessment roll.

BUDGET/ACCOUNT NUMBER: N/A

RECOMMENDATION:

MODEL RESOLUTION: I move to re-adopt the Ridgewood Hills No.2, No.3, and No.4 Subdivisions Road Rehabilitation SAD Assessment Roll as presented to correct several scrivener's errors in the original roll adopted on July 19, 2016.

ATTACHMENTS: Corrected Assessment Roll

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
RIDGWOOD HILLS NO. 2, NO.3 and NO.4 SUBDIVISIONS**

Updated by DPS 10/21/2016

Frontage is defined by properties abutting Winterset Circle, Woodway Drive, Red Pine Drive, Pineview Drive, Red Maple Drive, Jasmine Drive, Red Maple Court, Pinehill Drive, Plum Tree Drive, Plum Tree Court, Harvest Drive, and Harvest Court

Tax ID Number	Owner	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS	Tentative Assessment
R-78-050-02-0186	SINKUNAS, PETER	186	69.08	FL	69.08	FL	1	1	9445 WINTERSET CIR	\$2,504.90
R-78-050-02-0187	MASSERANG, PAUL / PATRICIA	187	90.00	FL	90.00	FL	1	1	9461 WINTERSET CIR	\$2,504.90
R-78-050-02-0188	DOMZALSKI, MICHAEL / LEANNE	188	90.00	FL	90.00	FL	1	1	9477 WINTERSET CIR	\$2,504.90
R-78-050-02-0189	KLEMMER, DONALD	189	90.00	FL	-	FL	1		9493 WINTERSET CIR	\$2,504.90
R-78-050-02-0190	JAMEEL, SAMUEL	190	88.97	FL	-	FL	1		9507 WINTERSET CIR	\$2,504.90
R-78-050-02-0191	O'CONNOR, TIMOTHY	191	86.97	FL	86.97	FL	1	1	9525 WINTERSET CIR	\$2,504.90
R-78-050-02-0192	ROOSEVELT, RONALD J	192	86.97	FL	-	FL	1		9541 WINTERSET CIR	\$2,504.90
R-78-050-02-0193	SALLOUM, MARK / KELLY	193	100.00	FL	-	FL	1		9557 WINTERSET CIR	\$2,504.90
R-78-050-02-0194	BARTELL, KENT / STACEY	194	238.09	FL	-	FL	1		9573 WINTERSET CIR	\$2,504.90
R-78-050-02-0195	WILKINSON, DONALD / KELLY	195	242.83	FL	-	FL	1		9589 WINTERSET CIR	\$2,504.90
R-78-050-02-0196	GUSTIN, ROBERT	196	96.09	FL	-	FL	1		9605 WINTERSET CIR	\$2,504.90
R-78-050-02-0197	KULPA, MICHAEL	197	86.98	FL	86.98	FL	1	1	9621 WINTERSET CIR	\$2,504.90
R-78-050-02-0198	BOSLER, BRIAN / LAUREN	198	93.43	FL	93.43	FL	1	1	9637 WINTERSET CIR	\$2,504.90
R-78-050-02-0199	MANCHA, DONALD / JANE	199	105.00	FL	105.00	FL	1	1	9653 WINTERSET CIR	\$2,504.90
R-78-050-02-0200	WOLFORD, JAMES / NORMA	200	105.00	FL	105.00	FL	1	1	9669 WINTERSET CIR	\$2,504.90
R-78-050-02-0201	NOWAK, GREGORY	201	105.00	FL	105.00	FL	1	1	9685 WINTERSET CIR	\$2,504.90
R-78-050-02-0202	NICOL, JAMES / MIGNON	202	243.98	FL	243.98	FL	1	1	9701 WINTERSET CIR	\$2,504.90
R-78-050-02-0203	KREGER, BARTON A.	203	112.47	FL	112.47	FL	1	1	49200 WOODWAY DR	\$2,504.90
R-78-050-02-0204	WALLIS, GEORGE	204	112.47	FL	-	FL	1		49182 WOODWAY DR	\$2,504.90
R-78-050-02-0205	RZEPECKI, PAUL / CHARI	205	112.47	FL	-	FL	1		49124 WOODWAY DR	\$2,504.90
R-78-050-02-0206	RIESS, JOHN / DENISE	206	112.47	FL	112.47	FL	1	1	49088 WOODWAY DR	\$2,504.90
R-78-050-02-0207	SHAW, MATTHEW	207	104.43	FL	104.43	FL	1	1	49048 WOODWAY DR	\$2,504.90
R-78-050-02-0208	WIRA, JOSEPH / ANNA	208	93.29	FL	-	FL	1		49010 WOODWAY DR	\$2,504.90
R-78-050-02-0209	ZAKSEK, DONALD M	209	39.67	FL	-	FL	0.5		48972 WOODWAY DR	\$1,262.45
R-78-050-02-0210	JACOBSEN, STEPHEN / CARY	210	116.10	FL	116.10	FL	1	1	49009 WOODWAY DR	\$2,504.90
R-78-050-02-0211	NIEMIEC, THOMAS	211	89.09	FL	89.09	FL	1	1	49047 WOODWAY DR	\$2,504.90
R-78-050-02-0212	FRISCHMUTH, PRENTISS / FLORIAN	212	86.21	FL	86.21	FL	1	1	49085 WOODWAY DR	\$2,504.90
R-78-050-02-0213	BOLTIK, THOMAS A	213	86.21	FL	86.21	FL	1	1	49113 WOODWAY DR	\$2,504.90
R-78-050-02-0214	ABBOUD, AMIN MICHAEL	214	86.21	FL	86.21	FL	1	1	49141 WOODWAY DR	\$2,504.90
R-78-050-02-0215	VARJABEDIAN, STEVE / SARA	215	245.36	FL	-	FL	1		49181 WOODWAY DR	\$2,504.90
R-78-050-02-0216	VAN VLERAH, JAMES	216	235.00	FL	235.00	FL	1	1	9670 RED PINE DR	\$2,504.90
R-78-050-02-0217	CAMALO, MATTHEW / STEPHANIE	217	100.00	FL	100.00	FL	1	1	9650 RED PINE DR	\$2,504.90
R-78-050-02-0218	RADKE, ALLEN / JULIA	218	100.13	FL	100.13	FL	1	1	9632 RED PINE DR	\$2,504.90
R-78-050-02-0219	KONOVALIV, ANTHONY / SUSAN	219	109.50	FL	109.50	FL	1	1	9614 RED PINE DR	\$2,504.90
R-78-050-02-0220	BONELL, JAMES	220	57.07	FL	57.07	FL	1	1	9598 RED PINE DR	\$2,504.90
R-78-050-02-0221	SCHROEDER, KATHRYN SUE	221	127.32	FL	-	FL	1		9580 RED PINE DR	\$2,504.90
R-78-050-02-0222	KELLY, MICHAEL / BRENDA	222	100.00	FL	100.00	FL	1	1	9560 RED PINE DR	\$2,504.90
R-78-050-02-0223	NADER, MARGARET I	223	100.00	FL	100.00	FL	1	1	9540 RED PINE DR	\$2,504.90
R-78-050-02-0224	CATALAN, ALBERT / PEARL	224	100.00	FL	100.00	FL	1	1	9524 RED PINE DR	\$2,504.90
R-78-050-02-0225	SCHAEFER, GAIL	225	100.00	FL	100.00	FL	1	1	9500 RED PINE DR	\$2,504.90
R-78-050-02-0226	VOLPE, DAVID / LINDA	226	251.33	FL	251.33	FL	1	1	9488 RED PINE DR	\$2,504.90
R-78-050-02-0227	SCHULZ, EDWIN	227	221.11	FL	221.11	FL	1	1	9490 WINTERSET CIR	\$2,504.90
R-78-050-02-0228	MALCOLM, GREGORY / ANNE	228	123.83	FL	123.83	FL	1	1	9511 RED PINE DR	\$2,504.90
R-78-050-02-0229	PATCHETT, JOHN A.	229	100.00	FL	100.00	FL	1	1	9533 RED PINE DR	\$2,504.90
R-78-050-02-0230	RESO, DENNIS / SHARON	230	100.00	FL	100.00	FL	1	1	9555 RED PINE DR	\$2,504.90
R-78-050-02-0231	SOULES, WILLIAM L	231	138.02	FL	138.02	FL	1	1	9577 RED PINE DR	\$2,504.90
R-78-050-02-0232	PATTERSON, WILLIAM	232	102.91	FL	102.91	FL	1	1	9621 RED PINE DR	\$2,504.90
R-78-050-02-0233	CLEMENTS, LINDA	233	100.00	FL	100.00	FL	1	1	9651 RED PINE DR	\$2,504.90
R-78-050-02-0234	WITZBURG, JEFFREY / LINDA	234	235.00	FL	235.00	FL	1	1	9650 WINTERSET CIR	\$2,504.90
R-78-050-02-0235	CAMILLETTI, JOSEPH / CHERYL	235	157.44	FL	157.44	FL	1	1	9630 WINTERSET CIR	\$2,504.90
R-78-050-02-0236	STREAN, TERRY / SHARON	236	90.00	FL	90.00	FL	1	1	9600 WINTERSET CIR	\$2,504.90
R-78-050-02-0237	DECOURACY, WILLIAM R	237	90.00	FL	-	FL	1		9588 WINTERSET CIR	\$2,504.90
R-78-050-02-0238	FOOS, ALLEN / LAURA	238	90.00	FL	-	FL	1		9578 WINTERSET CIR	\$2,504.90
R-78-050-02-0239	SWALBERG, JUSTIN	239	90.00	FL	-	FL	1		9564 WINTERSET CIR	\$2,504.90
R-78-050-02-0240	CRAVEN, CHARLES E	240	101.75	FL	101.75	FL	1	1	9552 WINTERSET CIR	\$2,504.90
R-78-050-02-0241	WIKANDER, JUSTIN / KATIE	241	169.88	FL	169.88	FL	1	1	9524 WINTERSET CIR	\$2,504.90
R-78-050-03-0242	MCCORMICK, HAROLD III	242	84.71	FL	84.71	FL	1	1	9320 PINEVIEW DR	\$2,504.90
R-78-050-03-0243	BODNAR, TIMOTHY / ADRIENN	243	84.70	FL	-	FL	1		9344 PINEVIEW DR	\$2,504.90
R-78-050-03-0244	PATANKAR, RAVINDRA / PRAKASH	244	235.00	FL	235.00	FL	1	1	9380 PINEVIEW DR	\$2,504.90
R-78-050-03-0245	ARRINE, JAVAID M	245	232.42	FL	-	FL	1		9410 PINEVIEW DR	\$2,504.90
R-78-050-03-0246	O'CONNOR MARTIN / MARILYN	246	86.81	FL	86.81	FL	1	1	9450 PINEVIEW DR	\$2,504.90
R-78-050-03-0247	COLLINS, GARY / SUSAN	247	238.22	FL	-	FL	1		9470 PINEVIEW DR	\$2,504.90
R-78-050-03-0248	HURST, GARY	248	87.34	FL	87.34	FL	1	1	9568 RED MAPLE DR	\$2,504.90
R-78-050-03-0249	PANGBURN, BRIAN / SARAH	249	90.00	FL	-	FL	1		9610 RED MAPLE DR	\$2,504.90
R-78-050-03-0250	POSTL, LARRY / LISA	250	90.00	FL	-	FL	1		9630 RED MAPLE DR	\$2,504.90
R-78-050-03-0251	AMAR, JAMES	251	90.00	FL	90.00	FL	1	1	9650 RED MAPLE DR	\$2,504.90
R-78-050-03-0252	BRENNY, FRANK J	252	90.00	FL	-	FL	1		9700 RED MAPLE DR	\$2,504.90
R-78-050-03-0253	FINNEGAN, DENNIS R	253	90.00	FL	-	FL	1		9740 RED MAPLE DR	\$2,504.90
R-78-050-03-0254	HERMANN, MICHAEL	254	248.12	FL	248.12	FL	1	1	9800 RED MAPLE DR	\$2,504.90
R-78-050-03-0255	TURLEY, JOHN / PATRICIA	255	85.00	FL	85.00	FL	1	1	49240 WOODWAY DR	\$2,504.90
R-78-050-03-0256	DUFFY, JAMES A / SYLVIA	256	240.74	FL	-	FL	1		10000 RED MAPLE DR	\$2,504.90
R-78-050-03-0257	HUGHESON, MALCOLM	257	90.00	FL	90.00	FL	1	1	10050 RED MAPLE DR	\$2,504.90
R-78-050-03-0258	HENDERSON, WADE / JANICE	258	284.94	FL	284.94	FL	1	1	10100 RED MAPLE DR	\$2,504.90
R-78-050-03-0259	WILLARD, MICHAEL T	259	104.23	FL	104.23	FL	1	1	49251 PINEHILL DR	\$2,504.90
R-78-050-03-0260	TREMONTI, TOM	260	83.63	FL	83.63	FL	1	1	49235 PINEHILL DR	\$2,504.90
R-78-050-03-0261	WISNIEWSKI, JOHN	261	83.63	FL	-	FL	1		49201 PINEHILL DR	\$2,504.90
R-78-050-03-0262	BASHERIAN, PAUL	262	83.63	FL	83.63	FL	1	1	49175 PINEHILL DR	\$2,504.90
R-78-050-03-0263	FLANARY / SCHUMAN, JEFFERY / KAREN	263	83.63	FL	83.63	FL	1	1	49133 PINEHILL DR	\$2,504.90
R-78-050-03-0264	BACINSKI, JOSEPH	264	86.92	FL	-	FL	1		49101 PINEHILL DR	\$2,504.90
R-78-050-03-0265	PETERS, RICHARD A	265	100.00	FL	100.00	FL	1	1	49077 PINEHILL DR	\$2,504.90
R-78-050-03-0266	QUIGLEY, ROBERT / LINDA	266	135.02	FL	-	FL	1		48955 PINEHILL DR	\$2,504.90
R-78-050-03-0267	CUMMINGS LIVING TRUST	267	116.63	FL	116.63	FL	1	1	48933 PINEHILL DR	\$2,504.90
R-78-050-03-0268	KANDES, MICHAEL / JOYCE	268	96.81	FL	96.81	FL	1	1	48920 PINEHILL DR	\$2,504.90
R-78-050-03-0269	STATON, MICHAEL/PAMELA	269	89.55	FL	-	FL	1		48940 PINEHILL DR	\$2,504.90
R-78-050-03-0270	TILLEY, SCOTT / NICOLE	270	89.55	FL	89.55	FL	1	1	49000 PINEHILL DR	\$2,504.90
R-78-050-03-0271	NIMMERGUTH, GEORGE GARY	271	97.44	FL	97.44	FL	1	1	49070 PINEHILL DR	\$2,504.90

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
RIDGWOOD HILLS NO. 2, NO.3 and NO.4 SUBDIVISIONS**

Updated by DPS 10/21/2016

Frontage is defined by properties abutting Wintersel Circle, Woodway Drive, Red Pine Drive, Pineview Drive, Red Maple Drive, Jasmine Drive, Red Maple Court, Pinehill Drive, Plum Tree Drive, Plum Tree Court, Harvest Drive, and Harvest Court.

Tax ID Number	Owner	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS	Tentative Assessment
R-78-050-03-0272	PHIPPS, LARRY	272	107.45	FL	-	FL	1		49100 PINEHILL DR	\$2,504.90
R-78-050-03-0273	WEISHARR, JEAN / JOSEPH	273	125.00	FL	-	FL	1		49150 PINEHILL DR	\$2,504.90
R-78-050-03-0274	COMERINSKY, VICTOR	274	125.00	FL	-	FL	1		49210 PINEHILL DR	\$2,504.90
R-78-050-03-0275	KUBECK, KENNETH	275	125.00	FL	125.00	FL	1	1	49270 PINEHILL DR	\$2,504.90
R-78-050-03-0276	FISHER, JEFFREY	276	125.00	FL	125.00	FL	1	1	49300 PINEHILL DR	\$2,504.90
R-78-050-03-0277	CHOPRA, RAJIV / REKHA	277	111.60	FL	111.60	FL	1	1	10174 RED MAPLE DR	\$2,504.90
R-78-050-03-0278	REININK, LAURA	278	108.35	FL	108.35	FL	1	1	10127 RED MAPLE DR	\$2,504.90
R-78-050-03-0279	BURNIAC, LINDA	279	100.03	FL	-	FL	1		10075 RED MAPLE DR	\$2,504.90
R-78-050-03-0280	BARKER, GERALD / CAROL	280	100.00	FL	100.00	FL	1	1	10023 RED MAPLE DR	\$2,504.90
R-78-050-03-0281	MURRAY, MARK / SANDRA	281	100.00	FL	-	FL	1		9901 RED MAPLE DR	\$2,504.90
R-78-050-03-0282	SKELLY, JEROME / MARGARET	282	100.00	FL	-	FL	1		9807 RED MAPLE DR	\$2,504.90
R-78-050-03-0283	BHAT, V / S	283	245.00	FL	-	FL	1		9763 RED MAPLE DR	\$2,504.90
R-78-050-03-0284	WILLIAMS, CHRISTOPHER	284	245.00	FL	245.00	FL	1	1	9677 RED MAPLE DR	\$2,504.90
R-78-050-03-0285	STRAN, SCOTT / MARYAGNES	285	100.00	FL	100.00	FL	1	1	9645 RED MAPLE DR	\$2,504.90
R-78-050-03-0286	ASHER, JUDY	286	100.22	FL	-	FL	1		9611 RED MAPLE DR	\$2,504.90
R-78-050-03-0287	MUCCI, JOHN / PAULA	287	100.00	FL	-	FL	1		9567 RED MAPLE DR	\$2,504.90
R-78-050-03-0288	HOVEY, JERROLD	288	100.00	FL	-	FL	1		9535 RED MAPLE DR	\$2,504.90
R-78-050-03-0289	LEHANE, DANIEL JR	289	100.00	FL	-	FL	1		9501 RED MAPLE DR	\$2,504.90
R-78-050-03-0290	JENKINS, MICHAEL	290	100.00	FL	100.00	FL	1	1	9475 RED MAPLE DR	\$2,504.90
R-78-050-03-0291	LASHAWAY, KENNETH II	291	100.00	FL	100.00	FL	1	1	9431 RED MAPLE CT	\$2,504.90
R-78-050-03-0292	GODRE, JONATHON S	292	100.00	FL	-	FL	1		9397 RED MAPLE CT	\$2,504.90
R-78-050-03-0293	MCCLOSKEY, JENNIFER	293	100.00	FL	100.00	FL	1	1	9365 RED MAPLE CT	\$2,504.90
R-78-050-03-0294	ROETHER, BRIAN / MEGAN	294	99.52	FL	99.52	FL	1	1	9333 RED MAPLE CT	\$2,504.90
R-78-050-03-0295	POOL, SHAWN	295	63.18	FL	63.18	FL	1	1	9301 RED MAPLE CT	\$2,504.90
R-78-050-03-0296	DOE, DERICK / BOBBIE	296	63.18	FL	63.18	FL	1	1	9255 RED MAPLE CT	\$2,504.90
R-78-050-03-0297	CARTY, SCOTT / KELLIE	297	58.85	FL	-	FL	1		9250 RED MAPLE CT	\$2,504.90
R-78-050-03-0298	MISSILMANI, FATME	298	109.50	FL	109.50	FL	1	1	9300 RED MAPLE CT	\$2,504.90
R-78-050-03-0299	ROSS, RONALD	299	90.31	FL	90.31	FL	1	1	9340 RED MAPLE CT	\$2,504.90
R-78-050-03-0300	WARD, TIMOTHY / LISA	300	90.00	FL	90.00	FL	1	1	9370 RED MAPLE CT	\$2,504.90
R-78-050-03-0301	DILLEY, THOMAS / JILL	301	288.04	FL	288.04	FL	1	1	9400 RED MAPLE CT	\$2,504.90
R-78-050-03-0302	CIARROCCHI, THOMAS / LISA	302	138.74	FL	138.74	FL	1	1	9401 PINEVIEW DR	\$2,504.90
R-78-050-03-0303	MATUSIAK, JOHN / PATRICIA	303	90.00	FL	90.00	FL	1	1	9377 PINEVIEW DR	\$2,504.90
R-78-050-03-0304	THOMAS, LEONARD	304	105.08	FL	105.08	FL	1	1	9343 PINEVIEW DR	\$2,504.90
R-78-050-03-0305	PETERSON, MARK / CYNTHIA	305	125.12	FL	-	FL	1		9305 PINEVIEW DR	\$2,504.90
R-78-050-04-0306	EILOLO, CHRISTOPHER / JAMIE	308	108.11	FL	-	FL	1		10273 RED MAPLE DR	\$2,504.90
R-78-050-04-0307	ALLEN, DAWN	307	100.80	FL	-	FL	1		10375 RED MAPLE DR	\$2,504.90
R-78-050-04-0308	TACKITT, PATRICIA L	308	100.00	FL	-	FL	1		10477 RED MAPLE DR	\$2,504.90
R-78-050-04-0309	KERR, RONALD / JULIE	309	106.00	FL	-	FL	1		10579 RED MAPLE DR	\$2,504.90
R-78-050-04-0310	SNIEGOWSKI, MICHAEL	310	100.00	FL	-	FL	1		10681 RED MAPLE DR	\$2,504.90
R-78-050-04-0311	KOVAC, NICHOLAS / DIANE	311	100.00	FL	-	FL	1		10783 RED MAPLE DR	\$2,504.90
R-78-050-04-0312	MOSZYNSKI, GARY	312	245.22	FL	245.22	FL	1	1	10885 RED MAPLE DR	\$2,504.90
R-78-050-04-0313	GIGUERE, MARILYNNE	313	245.00	FL	-	FL	1		11089 RED MAPLE DR	\$2,504.90
R-78-050-04-0314	HEITMAN TTEE, GARY	314	100.00	FL	100.00	FL	1	1	11191 RED MAPLE DR	\$2,504.90
R-78-050-04-0315	KOZAL, JOHN / ANNE	315	100.00	FL	100.00	FL	1	1	11293 RED MAPLE DR	\$2,504.90
R-78-050-04-0316	NOE, DANNY	319	100.00	FL	-	FL	1		11395 RED MAPLE DR	\$2,504.90
R-78-050-04-0317	SMITH, SUSAN / BRANDON	317	100.00	FL	100.00	FL	1	1	11497 RED MAPLE DR	\$2,504.90
R-78-050-04-0318	WILLIAMS, JUSTIN / STEPHANIE	318	90.84	FL	90.84	FL	1	1	11599 RED MAPLE DR	\$2,504.90
R-78-050-04-0319	WENDELKEN, HAROLD JR	319	57.00	FL	57.00	FL	1	1	49382 PLUM TREE DR	\$2,504.90
R-78-050-04-0320	SIMPSON, JOHN / JUDY MAE	320	100.07	FL	-	FL	1		49346 PLUM TREE DR	\$2,504.90
R-78-050-04-0321	HUEBNER, TAMARA	321	100.00	FL	-	FL	1		49310 PLUM TREE DR	\$2,504.90
R-78-050-04-0322	HRUBIAK, JEFFREY / TRACEY	322	100.00	FL	-	FL	1		49278 PLUM TREE DR	\$2,504.90
R-78-050-04-0323	NEUMANN, ROBERT / TERRY	323	100.00	FL	100.00	FL	1	1	49238 PLUM TREE DR	\$2,504.90
R-78-050-04-0324	PEREZ, GLORIA	324	100.00	FL	100.00	FL	1	1	49202 PLUM TREE DR	\$2,504.90
R-78-050-04-0325	TOKARSKI, LETICIA	325	92.09	FL	92.09	FL	1	1	49166 PLUM TREE DR	\$2,504.90
R-78-050-04-0326	RIOUX, JOHN / DIANE	326	89.62	FL	-	FL	1		49132 PLUM TREE DR	\$2,504.90
R-78-050-04-0327	CLEMENS, PHILLIP / OLGA	327	254.48	FL	254.48	FL	1	1	49094 PLUM TREE CT	\$2,504.90
R-78-050-04-0328	ADAMS, JOHNNIE	328	82.89	FL	-	FL	1		49058 PLUM TREE CT	\$2,504.90
R-78-050-04-0329	MUNRO, JOSHUA / CAITLIN	329	63.14	FL	-	FL	1		49022 PLUM TREE CT	\$2,504.90
R-78-050-04-0330	TRUSKIN, JAMES	330	61.62	FL	61.62	FL	1	1	48996 PLUM TREE CT	\$2,504.90
R-78-050-04-0331	JACKSON, GARTH	331	309.83	FL	309.83	FL	1	1	48950 PLUM TREE CT	\$2,504.90
R-78-050-04-0332	SPALA, KEVIN / MICHELLE	332	127.81	FL	-	FL	1		48914 PLUM TREE DR	\$2,504.90
R-78-050-04-0333	MANN, STEVEN	333	87.18	FL	-	FL	1		48925 PLUM TREE DR	\$2,504.90
R-78-050-04-0334	VIGLIOTTI, MR	334	88.59	FL	88.59	FL	1	1	48949 PLUM TREE DR	\$2,504.90
R-78-050-04-0335	DYMKOWSKI, ROBERT	335	88.59	FL	-	FL	1		49009 PLUM TREE DR	\$2,504.90
R-78-050-04-0336	DEITER, ELIZABETH ANN	338	101.10	FL	-	FL	1		49059 PLUM TREE DR	\$2,504.90
R-78-050-04-0337	IAQUANIELLO, MICHAEL / MARIA	337	105.50	FL	-	FL	1		49105 PLUM TREE DR	\$2,504.90
R-78-050-04-0338	RAINVILLE, RICHARD / ALICE	338	150.00	FL	-	FL	1		49131 PLUM TREE DR	\$2,504.90
R-78-050-04-0339	CONZELMAN, JAMES / PATRICIA	339	107.07	FL	107.07	FL	1	1	49201 PLUM TREE DR	\$2,504.90
R-78-050-04-0340	SINGER, JOHN / PENNY	340	100.00	FL	-	FL	1		49237 PLUM TREE DR	\$2,504.90
R-78-050-04-0341	VRANIAC, JOHN / ANNETTE	341	100.00	FL	100.00	FL	1	1	49277 PLUM TREE DR	\$2,504.90
R-78-050-04-0342	SAUBER, CHARLES M	342	90.00	FL	90.00	FL	1	1	49309 PLUM TREE DR	\$2,504.90
R-78-050-04-0343	DZIALO, ROBERT / CAROLYN	343	224.98	FL	224.98	FL	1	1	49345 PLUM TREE DR	\$2,504.90
R-78-050-04-0344	WALTHER, RICHARD / LINDA	344	240.00	FL	240.00	FL	1	1	49344 HARVEST DR	\$2,504.90
R-78-050-04-0345	BOYKO, TRUSTEES ROBERT / CORINNE	345	90.00	FL	-	FL	1		49308 HARVEST DR	\$2,504.90
R-78-050-04-0346	ZACHARIAS, STEVEN / TERESA	348	88.02	FL	88.02	FL	1	1	49276 HARVEST DR	\$2,504.90
R-78-050-04-0347	NEGELE, BRIAN ROSE	347	82.03	FL	82.03	FL	1	1	49236 HARVEST DR	\$2,504.90
R-78-050-04-0348	PETERSON, WILLIAM	348	84.34	FL	84.34	FL	1	1	49200 HARVEST DR	\$2,504.90
R-78-050-04-0349	KULA, GARY / DEANNA	349	100.00	FL	100.00	FL	1	1	49132 HARVEST DR	\$2,504.90
R-78-050-04-0350	MERRITT, JOHN / CATHLEEN	350	100.00	FL	100.00	FL	1	1	48088 HARVEST DR	\$2,504.90
R-78-050-04-0351	SIEFMAN, K SFREDDO / S	351	100.00	FL	100.00	FL	1	1	48008 HARVEST DR	\$2,504.90
R-78-050-04-0352	JEFFREY HOLMES, RACHELLE	352	113.79	FL	113.79	FL	1	1	48966 HARVEST DR	\$2,504.90
R-78-050-04-0353	HARTIG, PETER	353	100.00	FL	100.00	FL	1	1	48948 HARVEST DR	\$2,504.90
R-78-050-04-0354	AU BUCHON, LAWRENCE / JEANN	354	100.00	FL	-	FL	1		48924 HARVEST DR	\$2,504.90
R-78-050-04-0355	VOSS, FREDERICK / DIANE	355	103.53	FL	103.53	FL	1	1	48866 HARVEST DR	\$2,504.90
R-78-050-04-0356	SCHUBATIS, RICHARD / DARICE	356	88.49	FL	88.49	FL	0.75	1	48852 HARVEST DR	\$1,878.67
R-78-050-04-0357	DERDA, THOMAS / SHARON	357	100.00	FL	100.00	FL	1	1	48865 HARVEST DR	\$2,504.90

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
RIDGWOOD HILLS NO. 2, NO.3 and NO.4 SUBDIVISIONS**

Updated by DPS 10/21/2015

Frontage is defined by properties abutting Winterset Circle, Woodway Drive, Red Pine Drive, Pineview Drive, Red Maple Drive, Jasmine Drive, Red Maple Court, Pinehill Drive, Plum Tree Drive, Plum Tree Court, Harvest Drive, and Harvest Court

Tax ID Number	Owner	LOT #	FRONTAGE		SIGNED	UNITS	SIGNED	ADDRESS	Tentative Assessment
R-78-050-04-0358	BARRESI, SAMUEL L	358	100.00	FL	100.00	FL 1	1	48923 HARVEST DR	\$2,504.90
R-78-050-04-0359	ADAMS, MATTHEW / CAROL	359	98.54	FL	98.54	FL 1	1	48947 HARVEST DR	\$2,504.90
R-78-050-04-0360	KELLEY, RICHARD A	360	232.78	FL	-	FL 1		48965 HARVEST DR	\$2,504.90
R-78-050-04-0361	ZAROW, JOHN / MELISSA	361	98.08	FL	98.08	FL 1	1	11084 HARVEST CT	\$2,504.90
R-78-050-04-0362	MAYERS, LEONARD / LEONA	362	110.00	FL	110.00	FL 1	1	10982 HARVEST CT	\$2,504.90
R-78-050-04-0363	MULCAHY, JAMES / DOLORES	363	151.77	FL	-	FL 1		10880 HARVEST CT	\$2,504.90
R-78-050-04-0364	HOOD, STEPHEN A	364	73.90	FL	-	FL 1		10778 HARVEST CT	\$2,504.90
R-78-050-04-0365	STANFORD, LOUIS / FRANCES	365	61.12	FL	61.12	FL 1	1	10666 HARVEST CT	\$2,504.90
R-78-050-04-0366	TILLEY, JAMES	366	81.11	FL	-	FL 1		10677 HARVEST CT	\$2,504.90
R-78-050-04-0367	HEITZMAN, JD / NANCY	367	85.55	FL	85.55	FL 1	1	10779 HARVEST CT	\$2,504.90
R-78-050-04-0368	SWIFT, DENNIS	368	96.03	FL	-	FL 1		10881 HARVEST CT	\$2,504.90
R-78-050-04-0369	LAHAIE, JAMES / KATHLEEN	369	100.00	FL	100.00	FL 1	1	10983 HARVEST CT	\$2,504.90
R-78-050-04-0370	CAMPBELL, MARK / DEBRA	370	110.94	FL	110.94	FL 1	1	11085 HARVEST CT	\$2,504.90
R-78-050-04-0371	ZOPF, MICHAEL / DEBOR	371	244.49	FL	244.49	FL 1	1	49087 HARVEST DR	\$2,504.90
R-78-050-04-0372	GONZALES, BELEN	372	100.00	FL	-	FL 1		49131 HARVEST DR	\$2,504.90
R-78-050-04-0373	SROKA, LARRY	373	108.18	FL	108.18	FL 1	1	49199 HARVEST DR	\$2,504.90
R-78-050-04-0374	ALBUS, MICHAEL	374	104.54	FL	104.54	FL 1	1	49275 HARVEST DR	\$2,504.90
R-78-050-04-0375	GENRICH, PATRICK / JANICE	375	90.00	FL	90.00	FL 1	1	49307 HARVEST DR	\$2,504.90
R-78-050-04-0376	GOULD, ROSEMARY / THOM	376	235.00	FL	235.00	FL 1	1	49333 HARVEST DR	\$2,504.90
R-78-050-04-0377	CLOZZA, DELBERT / SUSAN	377	90.00	FL	90.00	FL 1	1	11088 RED MAPLE DR	\$2,504.90
R-78-050-04-0378	CIARELLI, THOMAS / SUSAN	378	90.00	FL	-	FL 1		10986 RED MAPLE DR	\$2,504.90
R-78-050-04-0379	HUHTA, CHARLES / KATH	379	90.00	FL	90.00	FL 1	1	10884 RED MAPLE DR	\$2,504.90
R-78-050-04-0380	KARPACK, MICHAEL / SYNTIA	380	90.00	FL	-	FL 1		10782 RED MAPLE DR	\$2,504.90
R-78-050-04-0381	BORD, DONALD / CHERYL	381	100.00	FL	100.00	FL 1	1	10680 RED MAPLE DR	\$2,504.90
R-78-050-04-0382	OFORI-MENSA, CHARLES	382	100.00	FL	100.00	FL 1	1	10578 RED MAPLE DR	\$2,504.90
R-78-050-04-0383	KOST, RANDALL	383	100.00	FL	100.00	FL 1	1	10476 RED MAPLE DR	\$2,504.90
R-78-050-04-0384	BRODERICK, BRIAN / DONNA	384	119.15	FL	-	FL 1		10374 RED MAPLE DR	\$2,504.90
R-78-050-04-0385	RYAN, MICHAEL / IRENE	385	125.00	FL	-	FL 1		10272 RED MAPLE DR	\$2,504.90
		TOTAL	23,408.34	FL	14,763.61	FL 199.26	125		\$499,101.00

I. PERCENTAGE BASED ON FRONTAGE (60% = 11,738 FL)

SIGNED PETITION	14,763.61	=	63.1%
TOTAL FRONTAGE	23,408.34		

II. PERCENTAGE BASED ON UNITS (60% = 100 UNITS)

SIGNED PETITION	125.00	=	62.7%
TOTAL UNITS	199.26		



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: October 25, 2016

ITEM:

Approve the Board Resolution to adopt the amendments to the Adoption Plan

PRESENTER: Ron Edwards, Treasurer

OTHER INDIVIDUALS IN ATTENDANCE: None anticipated.

BACKGROUND: Admendments to the plan are proposed in regards to vesting and normal retirement age. The normal retirement age is currently 65 but the board approved for Dispatchers the age of 60 for their Defined Contribution plan through Mers. Also the normal retirement age for Police, Dispatchers and Fire officers for the defined benefit plan is 60. This will make normal retirement age consistent with all employees.

As to the vesting admendment, there has been a movement of making retirement benefits portable. Currently the Township has a five year vesting period for employees in the Defined contribution plan. In contrast the Mers Defined benefit plan has a 10 year vesting schedule. The difference is that an individual in MERS can leave after 6 years find employment at another MERS member work 4 years and have 10 years of service and not forfeit any retirement benefits. If you leave before five years of service under the Defined contribution plan and go to work for another community you lose part of your benefit.

ACTION REQUESTED:

Approval of the Board Resolution

BUDGET/ACCOUNT NUMBER:

RECOMMENDATION: Approve

MODEL RESOLUTION: I move to approve Board Resolution 2016-10-25--23 approving the amended and restated Plymouth Charter Township Governmental Non-ERISA Retirement Plan in the form of the attached Adoption Agreement.

**PLYMOUTH CHARTER TOWNSHIP
GOVERNMENTAL NON-ERISA RETIREMENT PLAN**

**PLYMOUTH CHARTER TOWNSHIP
GOVERNMENTAL NON-ERISA RETIREMENT PLAN**

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**ADOPTION AGREEMENT #005
VOLUME SUBMITTER GOVERNMENTAL PENSION PLAN**

The undersigned adopting employer hereby adopts this Plan and its related Trust to the extent an outside trust is not used. The Plan and Trust are intended to qualify as a tax-exempt plan and trust under Code sections 401(a) and 501(a), respectively. The Plan is further intended to qualify as a governmental plan under Code section 414(d). The Plan shall consist of this Adoption Agreement, its related Basic Plan Document and any related Appendix and Addendum to the Adoption Agreement. Unless otherwise indicated, all Section references are to Sections in the Basic Plan Document.

EMPLOYER INFORMATION

NOTE: An amendment is not required to change the responses in items 1-10 below.

NOTE: The Plan Sponsor must be an entity that is eligible to adopt a governmental plan as defined in Code section 414(d).

1. Name of adopting employer (Plan Sponsor): Plymouth Charter Township
2. Address: 9955 N Haggerty Rd
3. City: Plymouth
4. State: MI
5. Zip: 48170-4673
6. Phone number: 734-354-3200
7. Fax number: 734-453-5680
8. Plan Sponsor EIN: 38-6007665
9. Plan Sponsor fiscal year end: 12/31
10. State of organization of Plan Sponsor: MI

PLAN INFORMATION

SECTION A. GENERAL INFORMATION

Plan Name/Effective Date

1. Plan Number: 001
2. Plan name:
 - a. Plymouth Charter Township
 - b. Governmental Non-ERISA Retirement Plan

NOTE: A.1 is optional.

3. **Effective Date**

- a. Original effective date of Plan: 4/1/1968
- b. This is a restatement of a previously-adopted plan. Effective date of Plan restatement: 10/1/2016

NOTE: The date specified in A.3a for a new plan may not be earlier than the first day of the Plan Year during which the Plan is adopted by the Plan Sponsor.

NOTE: If A.3b is not selected, the Effective Date of the terms of this document shall be the date specified in A.3a. If A.3b is selected, the Effective Date of the restatement shall be the date specified in A.3b. However if the Adoption Agreement states another specific effective date for any Plan provision, when a provision of the Plan states another effective date, such stated specific effective date shall apply as to that provision. The date specified in A.3b for an amended and restated plan (including the initial PPA restatement) may not be earlier than the first day of the Plan Year during which the amended and restated Plan is adopted by the Plan Sponsor.

4. **Plan Year**

- a. Plan Year means each 12-consecutive month period ending on 06/30 (e.g. December 31)
- b. The Plan has a short Plan Year. The short Plan Year begins _____ and ends _____

5. **Limitation Year means:**

- a. Plan Year
- b. calendar year
- c. other: _____

NOTE: If A.5c is selected, the Limitation Year must be a consecutive 12-month period.

6. Frozen Plan

The Plan is frozen as to eligibility and benefits effective _____

NOTE: If A.6 is selected, no Eligible Employee shall become a Participant, no Participant shall be eligible to further participate in the Plan and no contributions shall accrue as of and after the date specified.

Plan Features

7. Employee Contributions(Section 4.01)

a. Mandatory Employee Contributions (pick-up contributions) are permitted under the Plan:

i. Yes, _____% of Compensation

ii. Yes, salary schedule according to the chart below:

<u>Salary Range</u>	<u>Mandatory Employee Contributions</u>
---------------------	---

iii. Yes, other fixed method: 5% for all employees except TPOAM

iv. No

b. Voluntary (After-Tax) Contributions are permitted:

i. Yes

ii. No

iii. Formerly Allowed

c. Mandatory After-Tax Employee Contributions are permitted under the Plan:

i. Yes, _____% of Compensation

ii. Yes, salary schedule according to the chart below:

<u>Salary Range</u>	<u>Mandatory After-Tax Employee Contributions</u>
---------------------	---

iii. Yes, other fixed method: _____

iv. No

NOTE: If A.7a is "No", questions regarding Mandatory Employee Contributions are disregarded.

NOTE: If other method (A.7a.iii or A.7c.iii) is selected, the method must be objectively determinable and may not be specified in a manner that is subject to Employer discretion.

Compensation

8. Compensation

a. Definition of Compensation for purposes of allocating contributions:

i. W-2. Wages within the meaning of Code section 3401(a) and all other payments of compensation paid to an Employee by the Employer (in the course of the Employer's trade or business) for which the Employer is required to furnish the Employee a written statement under Code sections 6041(d), 6051(a)(3), and 6052.

ii. Base Compensation. The basic annual rate of compensation in effect at the beginning of the period selected below (A.8b).

iii. Withholding. Wages paid to an Employee by the Employer (in the course of the Employer's trade or business) within the meaning of Code section 3401(a) for the purposes of income tax withholding at the source.

iv. Other: _____

b. Compensation is determined over the period specified below ending with or within the Plan Year:

i. Plan Year

ii. calendar year

iii. Plan Sponsor Fiscal Year

iv. Limitation Year

v. Other 12-month period beginning on: _____(enter month and day)

c. Include Employee Contributions in the definition of Compensation.

d. Include deemed Code section 125 compensation in the definition of Compensation.

e. Include differential military pay (as defined in Code section 3401(h)(2)) in the definition of Compensation (Section 3.08).

f. Include other pay (not otherwise included in A.8a): _____

NOTE: If other (A.8a.iv) is selected, Compensation must be objectively determinable and may not be specified in a manner that is subject to Employer discretion.

NOTE: A.8b must be "Plan Year" if the Plan is excluding compensation earned before entry (A.11 is selected).

NOTE: If "Plan Year" is not selected in A.8b, for new/rehired Employees whose date of hire is less than 12 months before the end of the 12-month period designated, Compensation will be determined over the Plan Year.

NOTE: If employee contributions are included (A.8c is selected), Compensation shall also include any amount which is contributed by the Employer pursuant to a salary reduction agreement and which is not includable in the gross income of the Employee under Code sections 125, 402(e)(3), 402(h), 403(b), 122(f) or 457.

NOTE: Employee contributions are always included in the definition of Compensation for purposes of Mandatory Employee Contributions.

NOTE: If deemed Code section 125 compensation (A.8d) is selected, Compensation shall include any amounts not available to a Participant in cash in lieu of group health coverage because the Participant is unable to certify that he or she has other health coverage. An amount will be treated as an amount under Code section 125 only if the Employer does not request or collect information regarding the Participant's other health coverage as part of the enrollment process for the health plan. This option is meant to be interpreted consistent with Revenue Ruling 2002-27.

NOTE: If A.8e is not selected and differential military pay exists, the payments will be included in Statutory Compensation.

NOTE: If other pay (A.8f) is selected, A.8f should indicate for what purposes (e.g., Mandatory Employee Contributions, etc.) and which class of Participants the Compensation is included, must be objectively determinable and may not be specified in a manner that is subject to Employer discretion.

9. Post Severance Compensation

Include Post Severance Compensation (unused sick or vacation pay/nonqualified plan payments) in definition of Compensation.

NOTE: A.9 will also apply for purposes of Statutory Compensation.

10. Post Year End Compensation

Determine Compensation using Post Year End Compensation

NOTE: If selected, amounts earned during the current year and paid during the first few weeks of the next year will be included in current year Compensation.

NOTE: A.10 will also apply for purposes of Statutory Compensation.

Compensation Exclusions

11. Pay Before Participation

Exclude pay earned before participation in the Plan from definition of Compensation.

NOTE: If selected, Compensation shall include only that compensation which is actually paid to the Participant during that part of the Plan Year the Participant is eligible to participate in the Plan. If not selected, Compensation shall include that compensation which is actually paid to the Participant during the Plan Year.

12. Other Pay

Exclude other pay from definition of Compensation: Overtime, bonuses, commissions and including, but not limited to, Payoffs For Unused Sick Leave Banks, Vacation Banks, Contract Signing Bonuses, EMT Certificates, Foods And Clothing Allowances And Other Fringe Benefit Programs.

NOTE: A.12 should indicate for what purposes (e.g., Mandatory Employee Contributions, etc.) and which class of Participants the Compensation is excluded.

NOTE: The pay specified above must be objectively determinable and may not be specified in a manner that is subject to Employer discretion.

13. Statutory Compensation

a. Definition of Statutory Compensation:

- i. W-2. Wages within the meaning of Code section 3401(a) and all other payments of compensation paid to an Employee by the Employer (in the course of the Employer's trade or business) for which the Employer is required to furnish the Employee a written statement under Code sections 6041(d), 6051(a)(3), and 6052.
- ii. Withholding. Wages within the meaning of Code section 3401(a) for the purposes of income tax withholding at the source paid to the Employee by the Employer (in the course of the Employer's trade or business).
- iii. Section 415 Safe Harbor Option. As described in the definition of "Section 415 Safe Harbor Option" in Article 2 of the Basic Plan Document.

b. Include deemed Code section 125 compensation in definition of Statutory Compensation:

NOTE: See A.9 and A.10 to determine if Statutory Compensation will include Post Severance Compensation and/or be determined using Post Year End Compensation.

NOTE: If A.8e is not selected and differential military pay exists, the payments will be included in Statutory Compensation.

Definitions

14. Disability

Definition of Disability

- a. Under Code section 22(e). The Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment that can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months. The permanence and degree of such impairment shall be supported by medical evidence.

- b. Under the Social Security Act. The determination by the Social Security Administration that the Participant is eligible to receive disability benefits under the Social Security Act.
- c. Inability to engage in comparable occupation. The Participant suffers from a physical or mental impairment that results in his inability to engage in any occupation comparable to that in which the Participant was engaged at the time of his disability. The permanence and degree of such impairment shall be supported by medical evidence.
- d. Pursuant to other Employer Disability Plan. The Participant is eligible to receive benefits under an Employer-sponsored disability plan.
- e. Under uniform rules established by the Plan Administrator. The Participant is mentally or physically disabled under a written policy.
- f. Other: _____

NOTE: If A.14f is selected, provide the definition of Disability. The definition provided must be objectively determinable and may not be specified in a manner that is subject to discretion.

15. Choice of Law/State Law

- a. Name of state or commonwealth for choice of law (Section 13.05): Michigan
- b. Enter any state law provisions that apply to the Plan: Michigan

NOTE: Only state law and regulations may be entered in A.15b. The Plan may not violate applicable state law.

SECTION B. ELIGIBILITY

Eligible Employee

1. The term "Eligible Employee" shall include:

- a. All Employees
- b. The following Employees: All full time non-union employees, Teamsters Local 214, TPOAM, new IAFF members hired after May 6, 2012.
- c. All Employees except the following (select all that apply):
 - i. Union Employees. Any Employee who is included in a unit of Employees covered by a collective bargaining agreement, if retirement benefits were the subject of good faith bargaining, and if the collective bargaining agreement does not provide for participation in this Plan.
 - ii. Leased Employees.
 - iii. Non-Resident Aliens. Any Employee who is a non-resident alien who received no earned income (within the meaning of Code section 911(d)(2)) which constitutes income from services performed within the United States (within the meaning of Code section 861(a)(3)).
 - iv. Other Employees: _____

NOTE: See Section 3.06(a) for rules regarding excluded Employees.

NOTE: If B.1b is selected, describe the Employees and indicate for what purposes (e.g., Pension Contributions, etc.) the Employees are eligible. The definition provided must be objectively determinable and may not be specified in a manner that is subject to discretion. In order to meet the permanency requirement of Treas. Reg. section 1.401-1 (b)(2), a specific person or persons may be named by position/title but not given name; a finite group of individuals that cannot increase/change over time (such as those hired before a specific date) may not be used.

NOTE: If B.1c.iv is selected, describe other excluded Employees from definition of Eligible Employee and indicate for what purposes (e.g., Pension Contributions, etc.) the Employees are excluded. The definition provided must be objectively determinable and may not be specified in a manner that is subject to discretion.

2. Opt-Out.

- An Employee may irrevocably elect not to participate in the Plan.

NOTE: If the Plan provides for Mandatory Employee Contributions (A.7a.iv is not selected), B.2 shall not apply to Mandatory Employee Contributions.

Eligibility Service Rules

3. Other Employer Service

- Count service with employers other than the Employer for eligibility purposes. List other employers along with any limitations: _____

4. Special Participation Date

- a. Allow immediate participation for all Eligible Employees employed on a specific date. All Eligible Employees employed on _____ shall become eligible to participate in the Plan as of _____
- b. The Plan provides conditions or limitations on immediate participation: _____

NOTE: If B.4b applies (B.4a is selected) and is selected, describe the conditions or limitations that apply. The conditions/limitations must be objectively determinable and may not be specified in a manner that is subject to discretion.

Eligibility for Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions

An Eligible Employee shall be eligible to receive/make Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions (if permitted pursuant to A.7) at the time specified in B.8 upon meeting the requirements of B.5 through B.7 (Section 3.01).

5. Age Requirement for Employee Contributions

Minimum age requirement for Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions: 18

6. Service Requirement for Employee Contributions

Minimum service requirement for Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions:

- a. None
- b. Completion of ____ year(s) of eligibility service
- c. Completion of ____ Hours of Service in a ____ month period
- d. Completion of ____ Hours of Service within a 12-month period. The service requirement shall be deemed met at the time the specified number of Hours of Service are completed.
- e. Completion of ____ months of service
- f. Completion of ____ days of service
- g. Other: _____

NOTE: If B.6g is selected, the service requirements provided must be definitely determinable and may not be specified in a manner that is subject to discretion.

7. Additional Requirements for Employee Contributions

Additional requirements, limitations, conditions or other modifications to B.5-6 (eligibility to make Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions) apply: _____

NOTE: The additional requirements provided must be objectively determinable and may not be specified in a manner that is subject to discretion.

8. Entry Dates for Employee Contributions

a. Frequency of entry dates for Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions:

- i. immediate
- ii. first day of each calendar month
- iii. first day of each Plan quarter
- iv. first day of the first month and seventh month of the Plan Year
- v. first day of the Plan Year
- vi. other: _____

b. An Eligible Employee shall become a Participant eligible to make Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions on the entry date selected in B.8a that is:

- i. coincident with or next following the date the requirements of B.5 through B.7 are met
- ii. next following the date the requirements of B.5 through B.7 are met

NOTE: If B.8a.i is selected, an Eligible Employee shall become a Participant eligible to make Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions immediately upon meeting the requirements of B.5 through B.7.

NOTE: If B.8a.vi is selected, the other entry date must be objectively determinable and may not be specified in a manner that is subject to discretion.

NOTE: B.8b is not applicable if B.8a.i or B.8a.vi (immediate entry/other) is selected.

Eligibility for Pension Contributions

9. Eligibility for Pension Contributions (select one):

- a. Same as Mandatory Employee Contributions/Voluntary Contributions/Mandatory After-tax Employee Contributions. An Eligible Employee shall be eligible to receive an allocation of Pension Contributions at the time specified in B.8 upon meeting the requirements of B.5 through B.7

- b. Pursuant to options selected below. An Eligible Employee shall be eligible to receive an allocation of Pension Contributions at the time specified in B.13 upon meeting the requirements of B.10 through B.12

NOTE: If B.9a is selected B.10 - B.13 shall be inapplicable.

10. Age Requirement for Pension Contributions

Minimum age requirement for Pension Contributions: _____

11. Service Requirement for Pension Contributions

Minimum service requirements for Pension Contributions:

- a. None
- b. Completion of _____ year(s) of eligibility service
- c. Completion of _____ Hours of Service in a _____ month period
- d. Completion of _____ Hours of Service within a 12-month period. The service requirement shall be deemed met at the time the specified number of Hours of Service are completed.
- e. Completion of _____ months of service
- f. Completion of _____ days of service
- g. Other: _____

NOTE: If B.10g is selected, the service requirements provided must be definitely determinable and may not be specified in a manner that is subject to discretion.

12. Additional Requirements for Pension Contributions

Additional requirements, limitations, conditions or other modifications to B.10-11 (eligibility to receive Pension Contributions) apply: _____

NOTE: The additional requirements provided must be objectively determinable and may not be specified in a manner that is subject to discretion.

13. Entry Dates for Pension Contributions

a. Frequency of entry dates for Pension Contributions:

- i. immediate
- ii. first day of each calendar month
- iii. first day of each Plan quarter
- iv. first day of the first month and seventh month of the Plan Year
- v. first day of the Plan Year
- vi. other: _____

b. An Eligible Employee shall become a Participant eligible to receive Pension Contributions on the entry date selected in B.13a that is:

- i. coincident with or next following the date the requirements of B.10 through B.12 are met
- ii. next following the date the requirements of B.10 through B.12 are met
- iii. coincident with or immediately preceding the date the requirements of B.10 through B.12 are met
- iv. immediately preceding the date the requirements of B.10 through B.12 are met
- v. nearest to the date the requirements of B.10 through B.12 are met

NOTE: If immediate entry (B.13a.i) is selected, an Eligible Employee shall become a Participant eligible to receive Pension Contributions immediately upon meeting the requirements of B.10 through B.12.

NOTE: If B.13a.vi is selected the other entry date must be objectively determinable and may not be specified in a manner that is subject to discretion.

NOTE: B.13b is not applicable if immediate or other entry (B.13a.i or B.13a.vi) is selected.

Transfers/Rehires

14. Transfers/Rehires

a. If an Employee either (1) upon rehire again qualifies as an Eligible Employee (2) or if not previously an Eligible Employee who due to a change in status becomes an Eligible Employee, he shall become a Participant with respect to the contributions for which the eligibility requirements have been satisfied (Section 3.04):

- i. as of the later of the effective date of such subsequent change of status or the date the Employee meets the eligibility requirements of this Article 3
- ii. on the entry date as of the later of the effective date of such subsequent change of status or the date the Employee meets the eligibility requirements of this Article 3

b. An individual who has satisfied the applicable eligibility requirements set forth in Article 3 before his rehire date, and who is subsequently reemployed by the Employer as an Eligible Employee shall resume or become a Participant (Section 3.05):

- i. immediately upon his rehire date with respect to the contributions for which the eligibility requirements of this Article 3 have been satisfied

- ii. on the entry date coincident with or next following his rehire date with respect to the contributions for which the eligibility requirements of this Article 3 have been satisfied

SECTION C. CONTRIBUTIONS

Voluntary Contributions

NOTE: If A.7b is "Yes" (Voluntary Contributions are permitted), an Eligible Employee who has met the requirements of B.5 through B.8 shall be eligible to make Voluntary Contributions to the Plan as follows (Section 4.01):

1. Minimum and Maximum Voluntary Contributions

- a. Minimum Voluntary Contribution: none
b. Maximum Voluntary Contribution: 10%
c. Other limits on Voluntary Contributions apply: none

NOTE: C.1a and C.1b may not be more than 100% of Compensation.

NOTE: If C.1c is selected the requirements provided must be objectively determinable and may not be specified in a manner that is subject to discretion.

Pension - Service

NOTE: An Eligible Employee who has met the requirements of B.9 through B.13 and who has satisfied the following requirements shall be eligible to receive an allocation of Pension Contributions during the applicable Plan Year.

2. Allocation Service Requirements for Pension Contributions

- a. None
b. In order to share in the allocation of Pension Contributions, a Participant is required to complete at least the following number of Hours of Service in the applicable Plan Year _____
c. In order to share in the allocation of Pension Contributions, a Participant is required to be employed by the Employer on the last day of Plan Year
d. In order to share in the allocation of Pension Contributions, a Participant is required to be employed by the Employer on the last day of Plan Year or complete at least _____ Hours of Service in the applicable Plan Year

NOTE: C.2b and C.2c are inapplicable if C.2a or C.2d is selected.

3. Exceptions to Allocation Service Requirements for Pension Contributions

- a. Modify Hour of Service requirement and/or last day requirement for a Participant who Terminates employment with the Employer during the Plan Year due to:
i. death
ii. Disability
iii. attainment of Normal Retirement Age
b. Any Hour of Service requirement and last day requirement shall be modified as follows:
i. Waive both the Hour of Service requirement and last day requirement
ii. Waive the Hour of Service requirement only
iii. Waive last day requirement only
c. The following other modifications shall be made to the requirements specified in C.2-3b: _____

NOTE: C.3 is only applicable if C.2a, C.2b or C.2c is selected.

NOTE: C.3c may only be used to make minor changes to the requirements specified in C.2-3b and must be specified in a manner that is objectively determinable and may not be specified in a manner that is subject to Employer discretion. For example, C.3c could be used to clarify that last day but not Hours of Service is waived for death while Hours of Service and last day are waived for Disability and attainment of Normal Retirement Age.

Pension Contributions - Formula

- 4. Pension allocation formula. The Employer's Pension Contribution shall be allocated to eligible Participants who have met the requirements of B.9 through B.13 and C.2 through C.3 as follows (Section 4.03):**
a. Pro rata. In the amount of _____ to be allocated in the ratio that each Participant's Compensation bears to the Compensation of all eligible Participants.
b. Points. In the amount of _____ to be allocated as described in C.5.

- c. Fixed Amount. In the amount of _____ to be allocated by dividing the total amount by the number of Participants eligible to share in such contribution.
- d. Defined Groups. See C.6
- e. Other fixed formula: 15% of compensation

NOTE: If B.4e is selected, the other fixed formula must be objectively determinable and may not be specified in a manner that is subject to discretion.

5. Pension Contribution - Points

If C.5b is selected, the Employer's Pension Contribution shall be allocated to eligible Participants who have met the requirements of B.9 through B.13 and C.2 through C.3 in the ratio that such Participant's points bears to the points of all eligible Participants.

Each Participant shall receive to the extent provided in C.5a: (a) the points described in C.5d for each year of age he has attained (as of his birthday during such Plan Year), (b) the points described in C.5c for each Plan Year, including the current Plan Year, during which he was eligible to participate in the Plan after meeting the requirements of Article 3 (regardless of any service or last day requirement in Article 4) applicable to Pension Contributions, and (c) the points described in C.5b for each \$100 of Compensation he has earned for such Plan Year.

- a. Points will be computed on basis of:
 - i. Age, Service and Compensation
 - ii. Age and Service
 - iii. Age and Compensation
 - iv. Service and Compensation
 - v. Age Only
 - vi. Service Only
- b. Points awarded for \$100 of Compensation: _____
- c. Points awarded for each year of participation: _____
- d. Points awarded for each year of age: _____

NOTE: C.5b, C.5c and C.5d apply to the extent that C.5a provides points for Compensation, Years of Service and/or age, respectively.

6. Pension Contribution- Defined Groups

If C.4d is selected, the Employer's Pension Contribution shall be allocated to eligible Participants who have met the requirements of B.9 through B.13 and C.2 through C.3 in an amount designated by the Employer to be allocated to each group described in C.6. The contribution for a group shall then be further allocated to the members of such group who are eligible to receive allocations of Pension Contributions in the method as specified in C.6 for such group. The amount allocated to one group need not bear any relationship to amounts allocated to any other group. The Employer shall notify the Plan Administrator in writing of the amount of contributions allocated to each group.

- a. Group One: _____ An amount equal to:
 - i. A percentage of Compensation _____
 - ii. A fixed dollar amount _____
 - iii. the greater of i. or ii.

NOTE: Groups must be defined in a manner that is objectively determined with no Employer discretion. Groups may not be designed so that the permanency requirement of Treas. Reg. section 1.401-1(b)(2) is violated.

NOTE: See Section 3.06 for rules regarding eligibility requirements.

7. Allocation of Pension Contributions

- a. Pension Contributions are allocated to Participant Accounts at the following time(s):
 - i. End of Plan Year
 - ii. Semi-annually
 - iii. Quarterly
 - iv. Each calendar month
 - v. Each pay period
- b. Minimum and Maximum Pension Contributions
 - i. Allocations of Pension Contributions for a Participant shall be subject to a minimum amount: _____
 - ii. Allocations of Pension Contributions for a Participant shall be subject to a maximum amount: _____

NOTE: Any service requirements specified in C.2 through C.3 shall be applied pro rata to the period selected in this C.7a. Any last day rule specified in C.2 through C.3 shall be applied as of the end of each period selected in this C.7a.

8. Paid Time Off

- a. The Employer will contribute a Participant's unused paid time off (vacation and/or sick leave) as a Pension Contribution to the Plan. Unused paid time off shall be contributed to the Plan:
 - i. Each Plan Year
 - ii. Upon Termination

b. The following limitations/conditions shall apply: _____

NOTE: Any unused paid time off where the Participant has the right to request cash payment is not eligible for contribution to the Plan under this C.8.

NOTE: The unused paid time off contributions must be contributed by multiplication of the Participant's current daily rate of pay against the amount of accrued unpaid leave.

NOTE: Paid time off contributions must conform with Revenue Rulings 2009-31 and 2009-32.

9. Pension - Disability

Allocate Pension Contributions to Disabled Participants who do not meet the allocation service requirements (Section 4.03(d)). Allocations to Disabled Participants end as of the earliest of: (i) the last day of the Plan Year in which occurs the _____ anniversary of the start of the Participant's Disability or (ii) such other time specified in Section 4.03(d).

NOTE: C.9 shall not be more than "tenth".

NOTE: Allocations under C.9 may occur after Termination.

10. Collective Bargaining Agreement

a. In addition to the amount selected in C.4, an amount necessary to meet the Employer's requirements under an applicable collective bargaining agreement.

b. The collective bargaining allocations will offset other employer contribution allocations that would otherwise be made to a Participant:

i. Yes - Pension contributions only

ii. No

iii. Other: _____

NOTE: C.4-7 (amount, timing, maximum and minimum Pension Contributions) will not apply to collectively bargained contributions. Collectively bargained contribution allocation timing, maximums and minimums will be determined under the collective bargaining agreement unless otherwise specified in C.10b.

Other Contributions

11. Prevailing Wage

a. In addition to any other Pension Contributions, an amount necessary to meet the Employer's requirements under an applicable prevailing wage statute. The formula for allocating prevailing wage contributions shall be specified in an Addendum to the Adoption Agreement. The addition of such Addendum shall not be considered a modification to the Volume Submitter document.

b. The prevailing wage contributions offset:

i. None

ii. The prevailing wage contributions will offset any other Pension Contribution allocations that would otherwise be made to a Participant.

iii. Other: _____

NOTE: Depending upon the offset rule chosen, timing of allocations may need to be considered as contributions under prevailing wage are typically required to be made not less often than quarterly.

NOTE: The offset provided under C.11b.iii must be objectively determinable and may not be specified in a manner that is subject to Employer discretion

NOTE: C.11b is only applicable if C.11a is selected.

12. Rollovers

Rollover Contributions are permitted (Section 4.04):

a. No

b. Yes - All Eligible Employees may make a Rollover Contribution even if not yet a Participant in the Plan

c. Yes - Only active Participants may make a Rollover Contribution

d. Yes - _____ Participants may make a Rollover Contribution

NOTE: The Plan Administrator has discretion under Section 4.05 to limit the types of Rollover Contributions accepted by the Plan and must use that discretion in a consistent manner.

13. Deemed IRAs

The Plan may accept voluntary contributions to deemed IRAs (Section 4.08) effective: _____

NOTE: If C.13 is selected, see Section 4.08 for rules regarding deemed IRAs.

14. Death or Disability During Qualified Military Service

For benefit accrual purposes, a Participant that dies or becomes Disabled while performing qualified military service will be treated as if he had been employed by the Employer on the day preceding death or Disability and terminated employment on the day of death or Disability pursuant to Code section 414(u)(9) (Section 6.02) effective: 1/1/2007

NOTE: Effective date must be on or after January 1, 2007.

15. 415 Additional Language

Additional language necessary to satisfy Code section 415 because of the required aggregation of multiple plans: _____.

SECTION D. VESTING

Vesting Schedules

1. Pension

Pension Contribution Account Vesting Schedule:

- a. 100%
- b. _____ year cliff
- c. Other:
 - i. Other Pension Schedule - less than 1 year: 0%
 - ii. Other Pension Schedule - 1 years but less than 2 years: 20%
 - iii. Other Pension Schedule - 2 years but less than 3 years: 40%
 - iv. Other Pension Schedule - 3 years but less than 4 years: 60%
 - v. Other Pension Schedule - 4 years but less than 5 years: 80%
 - vi. Other Pension Schedule - 5 years but less than 6 years: 100%
 - vii. Other Pension Schedule - 6 years but less than 7 years: 100%
 - viii. Other Pension Schedule - 7 years but less than 8 years: 100%
 - ix. Other Pension Schedule - 8 years but less than 9 years: 100%
 - x. Other Pension Schedule - 9 years but less than 10 years: 100%
 - xi. Other Pension Schedule - 10 years but less than 11 years: 100%
 - xii. Other Pension Schedule - 11 years but less than 12 years: 100
 - xiii. Other Pension Schedule - 12 years but less than 13 years: 100%
 - xiv. Other Pension Schedule - 13 years but less than 14 years: 100%
 - xv. Other Pension Schedule - 14 years but less than 15 years: 100%
 - xvi. Other Pension Schedule - 15 years but less than 16 years: 100%
 - xvii. Other Pension Schedule - 16 years but less than 17 years: 100%
 - xviii. Other Pension Schedule - 17 years but less than 18 years: 100%
 - xix. Other Pension Schedule - 18 years but less than 19 years: 100%
 - xx. Other Pension Schedule - 19 years but less than 20 years: 100%
 - xxi. Other Pension Schedule - 20 years: 100%

NOTE: A cliff vesting schedule means no vesting is provided until the Participant meets the number of Years of Vesting Service provided in D.1b.

NOTE: D.1b and D.1c may not be completed with a cliff vesting schedule of more than 15. However, if substantially all Participants are qualified public safety employees within the meaning of Code section 72(t)(10)(B), the limit is increased to 20.

NOTE: D.1c may provide for a graded vesting schedule of up to 5 to 20 years.

2. Other Vesting Schedule

- The Plan has another vesting schedule: 100%

NOTE: The vesting schedule in D.2 is in addition to the vesting schedule in D.1.

Vesting Service Rules

NOTE: If D.1a is selected and D.3a is not selected, the remaining options in section D.3-7 are inapplicable.

3. Vesting Computation Period

- a. Calendar year
- b. Plan Year
- c. The 12-consecutive month period commencing on the date the Employee first performs an Hour of Service; each subsequent 12-consecutive month period shall commence on the anniversary of such date
- d. Other: _____

NOTE: D.3d must be based on creditable years of service.

4. Other Employer Service

Count service with employers other than the Employer for vesting purposes. List other employers for which the service applies along with any limitations: _____

5. Vesting Exceptions

- a. Death. Provide for full vesting for a Participant who Terminates employment with the Employer due to death while an Employee (Section 6.02).
 - b. Disability. Provide for full vesting for a Participant who Terminates employment with the Employer due to Disability while an Employee (Section 6.02).
 - c. Early Retirement. Provide for 100% vesting upon the attainment of Early Retirement Age while an Employee (Section 6.02).
- 6. Vesting Exclusions**
- a. Exclude Years of Vesting Service earned before age 18.
 - b. Exclude Years of Vesting Service earned before the Employer maintained this Plan or a predecessor plan.
- 7. Vesting Forfeitures**
- a. Upon termination, nonvested account balances shall be forfeited
 - i. as soon as administratively feasible
 - ii. other timeframe: _____
 - b. Upon receiving a distribution, the nonvested portion of the account shall be forfeited
 - i. as soon as administratively feasible
 - ii. other timeframe: _____
- NOTE: The other timeframes must be definitely determinable and may not be specified in a manner that is subject to discretion.*
- 8. Forfeitures and Re-employment**
- a. forfeited account balances shall be restored and continue to vest (select any of the following if applicable)
 - i. only if the period of severance was less than or equal to the following period 1 year
 - ii. only to the extent the vested account balance was not distributed
 - iii. only to the extent the vested distributed account balance is restored to the Plan
 - b. forfeited account balances shall not be restored
- 9. Use of Forfeitures**
- Forfeitures will be used in the following manner (Articles 5 and 6):
- a. Any permissible method (restore forfeitures, reduce Employer contributions (or reallocate as Employer contributions) made pursuant to Article 4 or to pay Plan expenses)
 - b. Other: _____
- NOTE: D.9b is limited to one or a combination of the options described in D.9a, D.9b may be used to further restrict the uses of forfeiture and must be applied in a consistent manner.*
- 10. Special Vesting Provisions**
- Provide for special vesting provisions: _____
- NOTE: The special vesting provisions must be definitely determinable and may not be specified in a manner that is subject to discretion.*

SECTION E. DISTRIBUTIONS

1. Normal Retirement

Normal Retirement Age means:

- a. Attainment of age 60
- b. Later of attainment of age _____ and the _____ anniversary of Plan participation.
- c. Other: _____

NOTE: Effective Plan Years beginning on or after the later of (1) January 1, 2015 or (2) the close of the first regular legislative session of the legislative body with the authority to amend the plan that begins on or after the date that is 3 months after the final regulations are published in the Federal Register, the definition of Normal Retirement Age must satisfy Treas. Reg. section 1.401(a)-1(b) pursuant to IRS Notice 2012-29.

2. Early Retirement

Early Retirement Age means:

- a. None. The Plan does not have an early retirement feature.
- a. Attainment of age 55
- b. Later of attainment of age _____ and _____ service.
- c. Other: _____

3. Time of Payment (Other than Death)

Distributions after Termination of Employment for reasons other than death shall commence (Section 7.02):

- a. Immediate. As soon as administratively feasible with a final payment made consisting of any allocations occurring after such Termination of Employment.

- b. End of Plan Year. As soon as administratively feasible after all contributions have been allocated relating to the Plan Year in which the Participant's Account balance becomes distributable
- c. Normal Retirement Age. When the Participant attains Normal Retirement Age.
- d. Other: _____

NOTE: Any entry in E.3d must comply with Code section 401(a)(9), Section 7.02(e) and other requirements of Article 7.

4. Form of Payment (Other than Death)

Medium of distribution from the Plan:

- a. Cash only
- b. Cash or in-kind rollover to an individual retirement account sponsored by the following vendor: _____
- c. Other: _____

5. Default Form of Payment (Other than Death)

- a. Unless otherwise elected by the Participant, distributions shall be made in the form of:
 - i. Lump sum only
 - ii. Other: _____
- b. In addition to the form described in E.5a, distributions from the Plan after Termination for reasons other than death may be made in the following forms (select all that apply):
 - i. Lump sum only
 - ii. Lump sum payment or substantially equal annual, or more frequent installments over a period not to exceed the joint life expectancy of the Participant and his Beneficiary
 - iii. Under a continuous right of withdrawal pursuant to which a Participant may withdraw such amounts at such times as he shall elect
 - iv. Other: _____

NOTE: Any entry in E.5a.ii and/or E.5b.iv must comply with Code section 401(a)(9), Section 7.02(e) and other requirements of Article 7.

6. Permit Distributions as an Annuity

Permit distributions in the form of an annuity

NOTE: If E.6 is selected, a Participant may elect to have the Plan Administrator apply his entire vested Account toward the purchase of an annuity contract, which shall be distributed to the Participant. The terms of such annuity contract shall comply with the provisions of this Plan and any annuity contract shall be nontransferable.

7. Payment upon Participant's Death

Distributions on account of the death of the Participant shall be made in accordance with the following:

- a. Pay entire Account balance by end of fifth year for all Beneficiaries in accordance with Sections 7.02(b)(1)(A) and 7.02(b)(2)(A) only
- b. Pay entire Account balance no later than the 60th day following the end of Plan Year in which the Participant dies
- c. Allow extended payments for all Beneficiaries in accordance with Sections 7.02(b)(1)(A), (B) and (C) and 7.02(b)(2)(A) and (B)
- d. Pay entire Account balance by end of fifth year for Beneficiaries in accordance with Sections 7.02(b)(1)(A) and 7.02(b)(2)(A) and allow extended payments in accordance with Sections 7.02(b)(1)(B) and (C) and 7.02(b)(2)(B) only if the Participant's spouse is the Participant's sole primary Beneficiary
- e. Other: _____

NOTE: Any entry in E.7e must comply with Code section 401(a)(9), Section 7.02(b) and other requirements of Article 7.

8. Beneficiaries

- a. Death benefits when there is no designated beneficiary:
 - i. Standard according to Section 7.04(c)
 - ii. Other: _____
- b. Revocation. A beneficiary designation to a spouse shall be automatically revoked upon the following circumstances: _____
- c. Domestic Partners are treated as a spouse under the terms of this Plan for purposes of death benefits to the extent applicable:
 - i. No
 - ii. Yes - limited to the following terms and conditions: _____
 - iii. Yes
- d. The term "Domestic Partner" as defined in Article 2 is modified in the following manner: _____

NOTE: If E.8a.ii (Other) is selected, death benefits when there is no designated beneficiary shall be provided pursuant to E.8a.ii. The death benefits described must be definitely determinable and may not be specified in a manner that is subject to discretion.

NOTE: If E.8c.i is selected, E.8d does not apply.

NOTE: If E.8d is selected, the modifications must be definitely determinable.

NOTE: Domestic Partners shall not be treated as a spouse under the following Sections of the Plan: 7.02(b) (distribution upon death), 7.05 (minimum distributions) and 7.06 (direct rollovers).

NOTE: If revocation is selected (E.8b) you may use this item to indicate automatic revocation upon divorce.

9. Cash Out

- a. Involuntary cash-out amount for purposes of Section 7.03: \$1000
- b. Involuntary cash-out of a terminated Participant's Account balance when it exceeds the cash-out amount specified in E.9a is deferred under Section 7.03(b) until:
 - i. Later of age 62 or Normal Retirement Age - payment made in a lump sum only
 - ii. Required Beginning Date - Participant may elect payment in a lump sum or installments
 - iii. Required Beginning Date - payment made in a lump sum only
- c. Exclude amounts attributable to Rollover Contributions in determining the value of the Participant's nonforfeitable account balance for purposes of the Plan's involuntary cash-out rules (Section 7.03).

NOTE: E.9a has a \$5,000 maximum, \$5,000 will be entered unless otherwise specified.

NOTE: If E.9a is not selected, E.9c does not apply.

NOTE: If E.9a is less than \$1,000, E.9c may not be selected.

10. Required Beginning Date

Required Beginning Date for a Participant:

- a. Retirement. April 1 of the calendar year following the later of the calendar year in which the Participant: (a) attains age 70-1/2, or (b) retires
- b. Age 70-1/2. April 1 of the calendar year following the calendar year in which the Participant attains age 70-1/2
- c. Election. The option provided in E.9a; provided that a Participant may elect to commence distributions pursuant to either E.10a or E.10b

SECTION F. IN-SERVICE WITHDRAWALS

NOTE: See Section 8.05 for limits on in-service distributions.

NOTE: In-service withdrawal options are meant as enabling rules. If an in-service distribution is permitted under any option specified below, the in-service withdrawal is permissible.

In-Service Withdrawals

1. Retirement

- a. Allow in-service distributions after attainment of Normal Retirement Age (Section 7.01(b)) from the following Accounts:
All Accounts

Other Withdrawals

2. At Any Time (Section 8.03(b))

In-service withdrawals are allowed from the following Accounts at any time:

- a. Voluntary Contribution Account
- b. Rollover Contribution Account

NOTE: If nothing is indicated, no in-service withdrawals are allowed under this Section.

3. Disability

Allow distributions upon Disability.

4. Other Conditions/Limitations

The following limitations, conditions and/or special rules apply to in-service withdrawals: _____

NOTE: Unless otherwise specified, the limitations will apply to all in-service withdrawals (H.1 through H.3).

5. Loans

Loans are permitted:

- Yes
- No

SECTION G. PLAN OPERATIONS

1. Permitted Investments

- a. Plan may invest in life insurance (Section 9.06)

2. Participant Self-Direction

- a. Specify the extent to which the Plan permits Participant self-direction (Section 9.02):

- i. All Accounts
- ii. Some Accounts
- iii. None

b. If Some Accounts is selected, a Participant may self-direct the following Accounts:

- i. Mandatory Employee Contribution Account
- ii. Mandatory After-tax Employee Contribution Account
- iii. Pension Contribution Account
- iv. Voluntary Contribution Account
- v. Rollover Contribution Account
- vi. Transfer Account
- vii. Other: _____

c. Participants may also establish individual brokerage accounts.

d. Participants may exercise voting rights with respect to investments (Section 9.05).

NOTE: If G.2a.iii (None) is selected, G.2b through G.2d do not apply.

NOTE: G.2b only applies if G.2a.ii is selected.

3. Valuation Date

Enter Valuation Date:

- a. Last day of Plan Year
- b. Last day of each Plan quarter
- c. Last day of each month
- d. Each business day
- e. Other: _____ (Must be at least annually).

4. Plan Administration

a. Designation of Plan Administrator (Section 11.01):

- i. Plan Sponsor
- ii. Committee appointed by Plan Sponsor
- iii. Other: _____

b. Establishment of procedures for the Plan Administrator and the investment Fiduciary (Sections 11.01(c) and 11.02(c)):

- i. Plan Administrator and Investment Fiduciary adopt own procedures
- ii. Governing body of the Plan Sponsor sets procedures for Plan Administrator and Investment Fiduciary

c. Type of indemnification for the Plan Administrator and Investment Fiduciary:

- i. None - the Employer will not indemnify the Plan Administrator or the Investment Fiduciary
- ii. Standard according to Section 11.06
- iii. Provided pursuant to an outside agreement

d. The following modifications shall be made to the duties of the applicable parties: _____

NOTE: H.4d may be used to reallocate duties between the Plan Sponsor and the Plan Administrator. It may also be used to designate additional parties to perform specific Plan Administrator and/or Plan Sponsor duties.

5. Trust

a. Use the Trust agreement contained in the Basic Plan Document

- i. Yes
- ii. No
- iii. Yes, but only for the following assets/Accounts: _____; other assets/Accounts will use an outside Trust or an arrangement described in Code section 401(f).
- iv. Not Applicable - Assets are held solely by an arrangement described in Code section 401(f).

b. Trustee Type

- i. Corporate. Trustee name and address: _____
- ii. Individual. Trustee name(s): _____

c. Type of Trustee Indemnification:

- i. Standard according to Section 10.07(b)
- ii. None

d. The Trustees may designate one or more Trustees to act on behalf of all Trustees (Section 10.05(b)(2)).

NOTE: Section 10.09 of the Basic Plan Document shall apply to the extent assets are held in an outside trust agreement.

NOTE: If the Trust agreement contained in the Basic Plan Document applies, then Trustee signature(s) is/are not necessary on amendments if the amendment does not affect Trustee duties.

NOTE: If G.5a.iv is selected, G.5b - d shall not apply.

NOTE: If a separate trust agreement is to be used (G.5a.ii or G.5a.iii is selected), the items in G.1-5 shall apply only to the extent that they are not superseded by the terms of the separate trust agreement. Only the trust document(s) previously approved by the IRS may be utilized with this Plan and still rely on the Plan's advisory letter.

NOTE: If G.5a.i or G.5a.iii (use Trust Agreement in Basic Plan Document) is selected and G.5c.ii (no indemnification) is selected, indemnification for the Trustee may be pursuant to an agreement that is not a part of the Plan.

NOTE: If G.5c.ii (no indemnification) Section 10.07(b) shall not apply and indemnification for the Trustee may be pursuant to an agreement that is not a part of the Plan.

6. Trust Administrative Modifications

- a. The following modifications are made to the permitted investments under the Trust Fund: _____
- b. The following modifications are made to the duties of the Trustee, Investment Fiduciary or Investment Manager: _____
- c. The following modifications are made to other administrative provisions of the Trust Fund: _____

NOTE: G.6 only applies if G.5a.i or G.5a.iii is selected (the Trust Agreement contained in the Basic Plan Document applies).

NOTE: The addition of language in G.6 cannot conflict with other provisions of the Plan and cannot cause the Plan to fail to qualify under Code section 401(a). Under no circumstances can a modification consist of: 1) removal or change to the prudent man rule, 2) addition of arbitration for Participant disputes, 3) addition of securities lending program, and 4) modification of the duties of the special trustee in Section 10.02(b) to determine and collect contributions under the Plan.

Qualified Domestic Relations Orders

- 7. Section 13.02 shall apply.

SECTION H. MISCELLANEOUS

Failure to properly fill out the Adoption Agreement may result in disqualification of the Plan.

The Plan is a volume submitter plan and is not a prototype plan.

The adopting employer may rely on an advisory letter issued by the Internal Revenue Service as evidence that the Plan is qualified under Code section 401 only to the extent provided in Revenue Procedure 2011-49 and any superseding guidance. The employer may not rely on the advisory letter in certain other circumstances or with respect to certain qualification requirements, which are specified in the advisory letter issued with respect to the Plan and in Revenue Procedure 2011-49 and any superseding guidance. In order to have reliance in such circumstances or with respect to such qualification requirements, application for a determination letter must be made to Employee Plans Determinations of the Internal Revenue Service. The practitioner will inform the adopting employer of any amendments made to the Plan or of the discontinuance or abandonment of the Plan. The practitioner, CCH INCORPORATED, DBA ftwilliam.com may be contacted at 700 W. Virginia St., Suite 305, Milwaukee, WI 53204; 414-226-2442.

SECTION I. EXECUTION PAGE

The undersigned agree to be bound by the terms of this Adoption Agreement and Basic Plan Document and acknowledge receipt of same. The parties have caused this Plan to be executed this _____ day of _____, 2016.

PLYMOUTH CHARTER TOWNSHIP:

Signature: _____

Print Name: _____

Title/Position: _____

MEETING OF THE BOARD OF TRUSTEES OF

PLYMOUTH CHARTER TOWNSHIP
GROUP PENSION PLAN

A meeting of the Board of Trustees of PLYMOUTH CHARTER TOWNSHIP, organized and existing under and by virtue of the laws of the State of MICHIGAN was held on September 27, 2016

Those present at the meeting constituting the Trustees of the Plymouth Charter Township:

The Chairman announced that the order of business was the consideration by the Board of an amendment to the organization's existing 401 (a) Plan. After an explanation of the terms of the proposed change, a motion was made, seconded and it was,

RESOLVED, that the organization amend the 401 (a) Plan, as follows:

Change the Normal Retirement Age from 65 to age 60 and change the Plan vesting schedule to 100% immediate.

FURTHER RESOLVED, that the amendment above be effective October 1, 2016

A motion was duly made, seconded and adopted.

Township Clerk

Charter Township of Plymouth
 October 25, 2016
 Board Meeting Date

10/25/2016	
Batch ID	
Check Date	
	TOTAL
GENERAL FUND(101)	439,484.01
SWD(226)	68,691.43
IMPROV. REV.(246)	23,368.00
DRUG FORFEITURE(265)	1,305.50
GOLF COURSE FUND - (510)	5,143.97
SENIOR TRANSPORATION (588)	1,918.35
WATER/SEWER(592)	479,404.13
TRUST& AGENCY(701)	7,309.63
POLICE BOND FUND (702)	2,810.00
TAX POOL(703)	-
SPECIAL ASSESS CAPITAL (805)	238,845.45
TOTAL	1,268,280.47

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

NAPA Auto Parts of Plymouth vehicle supplies	592-291-863.000	Super blue tube	Invoice Amount: Check Date:	\$56.10 10/26/2016 56.10
CHLORIDE SOLUTIONS LLC Chloride	101-446-818.000	25% Mineral Well Brine del & applied	Invoice Amount: Check Date:	\$2,900.29 10/26/2016 2,900.29
DELL MARKETING L.P. 24" Monitor	226-226-727.000	Dell Monitor U2417H	Invoice Amount: Check Date:	\$162.46 10/26/2016 162.46
HARRELL'S, LLC 50 lbs Fertilizer	510-510-737.000 510-510-737.000	50 lbs 32-0-12 100% PCU43 Tonnage Inspection Fee	Invoice Amount: Check Date:	\$4,178.17 10/26/2016 3,678.17 500.00
J & B MEDICAL SUPPLY INC medical supplies	101-336-836.000 101-336-836.000 101-336-836.000 101-336-836.000 101-336-836.000 101-336-836.000 101-336-836.000 101-336-836.000 101-336-836.000 101-336-836.000	adult co det cold pack teg trans firm dress frame " " small trauma dressing ring cutter ecg electrodes tourniquet latex free exam gloves med exam gloves lg	Invoice Amount: Check Date:	\$1,267.48 10/26/2016 411.12 33.60 376.00 26.50 18.30 16.00 118.00 15.56 126.20 126.20
LARSON, OSCAR W. CO. Inspection	592-172-818.000 592-172-818.000	HS&E quarterly B operator Inspection Technician	Invoice Amount: Check Date:	\$250.00 10/26/2016 10.00 240.00
Luigi Ferdinandi & Son Cement 45657 Port St.	592-291-932.000	Repair & replace concrete	Invoice Amount: Check Date:	\$5,383.00 10/26/2016 5,383.00
MICHIGAN LINEN SERVICE Uniforms	592-172-758.000	Uniforms 9/23	Invoice Amount: Check Date:	\$84.35 10/26/2016 84.35
OFFICE DEPOT DVDs for Supervisor's Office	101-171-727.000	DVD's	Invoice Amount: Check Date:	\$16.61 10/26/2016 16.61
OFFICE DEPOT Floor mats-Assessing	101-209-727.000	Floor mats	Invoice Amount: Check Date:	\$169.98 10/26/2016 169.98
OFFICE DEPOT Office Supplies-Assessing and Supervisor	101-171-727.000 101-171-727.000 101-171-727.000 101-209-727.000	Paper clips Copy paper Copy paper Hanging folders	Invoice Amount: Check Date:	\$403.52 10/26/2016 4.99 78.52 56.89 51.78

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-171-727.000	Mailing labels	51.92
	101-209-727.000	Redrope filling wallet	58.49
	101-209-727.000	Pocket file	1.76
	101-209-727.000	Pocket file	4.50
	101-209-727.000	copy paper	60.40
	101-171-727.000	Dividers	26.88
	101-209-727.000	Staple Remover	1.59
	101-209-727.000	Panel clips	5.80
OFFICE DEPOT		Invoice Amount:	\$40.56
Bottled water for Supervisor's Office		Check Date:	10/26/2016
	101-171-727.000	Bottled water	21.78
	101-171-727.000	Bottled water	18.78
PRINTING SYSTEMS INC		Invoice Amount:	\$1,310.69
Utility bills - Per quote dated 9/8/16		Check Date:	10/26/2016
	592-172-727.000	Post card utility bills-1,000 per box	1,222.00
	592-172-727.000	Shipping charge	88.69
SO.EASTERN MI ASSOC OF FIRE CHIEF		Invoice Amount:	\$40.00
2017 membership		Check Date:	10/26/2016
	101-336-727.000	2017 Membership Due Chief Phillips	40.00
TECHRADIUM INC		Invoice Amount:	\$99.00
Annual Lic fee		Check Date:	10/26/2016
	101-336-727.000	IRIS software License fees	99.00
WEST SHORE SERVICES INC		Invoice Amount:	\$477.49
Siren Maintenance 9955 Haggerty Road		Check Date:	10/26/2016
	101-315-951.000	Service Calls	300.00
	101-315-951.000	Parts used	177.49
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$515.00
CTU BUILDING		Check Date:	10/26/2016
	101-371-818.000	INV 1159	515.00
Mid-Michigan Code Officials Assoc.		Invoice Amount:	\$60.00
Mid-Michigan Code Officials Associations		Check Date:	10/26/2016
	101-371-958.000	2016 Membership Application	60.00
OFFICE DEPOT		Invoice Amount:	\$21.84
FOLDERS		Check Date:	10/26/2016
	101-371-727.000	Inv num 860859006001	21.84
X-IO TECHNOLOGIES		Invoice Amount:	\$1,069.20
Software Maintenance Renewal		Check Date:	10/26/2016
	101-290-941.000	ISE Software Maint 11/1/16 - 10/31/17	1,069.20
ALPHAGRAPHS #336		Invoice Amount:	\$177.37
Est 22255 - date 9/26/16		Check Date:	10/26/2016
	592-172-727.000	2,000 Public Service Window Envelopes	177.37
CDW GOVERNMENT INC		Invoice Amount:	\$133.74
Win 10 - Quote HKLR188		Check Date:	10/26/2016
	101-201-727.000	MS GSA Win Pro 10 License-FQC-09551	133.74

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

VENDOR INFORMATION

INVOICE INFORMATION

CORRIGAN OIL COMPANY		Invoice Amount:	\$1,518.61
Fuel		Check Date:	10/26/2016
	592-291-863.000	87 Gas-Ethanol	1,122.12
	592-291-863.000	Dyed Ultra Low Sulfur #2 mbx	387.28
	592-291-863.000	Fuel Tax Recap	9.21
WADE-TRIM OPERATIONS SERVICES		Invoice Amount:	\$1,023.75
Professional Services 7/31/16 - 8/27/16		Check Date:	10/26/2016
	805-805-970.210	Hunters Creek SAD Pymt Imprv.	1,023.75
WADE-TRIM OPERATIONS SERVICES		Invoice Amount:	\$1,023.75
Professional Services 7/31/16-8/27/16		Check Date:	10/26/2016
	805-805-970.290	Deer Creek SAD Pavement Improvement	1,023.75
WADE-TRIM OPERATIONS SERVICES		Invoice Amount:	\$2,310.00
Professional Services 7/31/16-8/27/16		Check Date:	10/26/2016
	805-805-970.005	2016 Sidewalk Repair Program Inspection	2,310.00
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$21,382.25
Professional Services 8/27/16		Check Date:	10/26/2016
	805-805-970.300	Contract Admin Plymouth Commons Road SAD	21,382.25
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$14,033.25
Professional Services 8/27/16		Check Date:	10/26/2016
	805-805-970.300	Inspection -Plymouth Commons Road SAD	14,033.25
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$4,936.00
Professional Services 8/27/16		Check Date:	10/26/2016
	101-446-818.000	2016 Rd. Crack Sealing Prog.	4,936.00
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$737.50
Professional Services - 8/27/16		Check Date:	10/26/2016
	805-805-970.210	Ridgewood Hills follow-up	737.50
SEHI COMPUTER PRODUCTS		Invoice Amount:	\$348.68
Supplies		Check Date:	10/26/2016
	592-172-727.000	Kodak Water Resistant Polypropylene	342.68
	592-172-727.000	Freight	6.00
WEST METRO/ACME GARAGE DOOR		Invoice Amount:	\$2,360.00
Installation of Sally Port Doors Inv. 41037 9/20/1		Check Date:	10/26/2016
	101-305-776.000	Pro JE 75 83 - Jackshaft Operators	2,360.00
BONADEO, KAREN		Invoice Amount:	\$3.00
Reimbursement for parking on 10/4/16		Check Date:	10/26/2016
	101-305-960.000	CJIC Conference	3.00
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$124.04
Vehicle Repair/143167 Inv. C66072 8/31/16		Check Date:	10/26/2016
	101-305-863.000	Replace Headlamps	124.04
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$462.41
Vehicle Repair/157878 Inv. C61671 7/15/16		Check Date:	10/26/2016
	101-305-863.000	Brake repair and oil change	462.41
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$26.75
Vehicle Repair/145836 Inv. C64181 8/8/16		Check Date:	10/26/2016

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION	INVOICE INFORMATION	Invoice Amount:	Check Date:
	101-305-863.000 <i>Replace tires</i>	26.75	
HINES PARK LINCOLN MERCURY Vehicle Repair/124315 4/29/16	101-305-863.000 <i>Vehicle Repair</i>	\$1,530.09 1,530.09	10/26/2016
HINES PARK LINCOLN MERCURY Vehicle Repair/124316 5/6/16	101-305-863.000 <i>Oil change, replace three tires</i>	\$71.45 71.45	10/26/2016
HINES PARK LINCOLN MERCURY Vehicle Repair/124316 Inv. C60462 7/6/16	101-305-863.000 <i>Oil change, replace engine air filter</i>	\$360.30 360.30	10/26/2016
HINES PARK LINCOLN MERCURY Vehicle Repair/124316 Inv. C66766 9/1/16	101-305-863.000 <i>Replaced canister vent</i>	\$189.33 189.33	10/26/2016
HINES PARK LINCOLN MERCURY Vehicle Repair/124315 Inv. C66891 9/1/16	101-305-863.000 <i>Replace front brakes</i>	\$618.81 618.81	10/26/2016
HINES PARK LINCOLN MERCURY Vehicle Repair/C41292 Inv. C65689 8/24/16	101-305-863.000 <i>Replace front and rear rotors</i>	\$566.21 566.21	10/26/2016
HINES PARK LINCOLN MERCURY Vehicle Repair/C41291 Inv. C65349 8/18/16	101-305-863.000 <i>Tire change</i>	\$25.00 25.00	10/26/2016
HINES PARK LINCOLN MERCURY Vehicle Repair/143167 Inv. C64948 8/17/16	101-305-863.000 <i>Replace fuel pump module</i>	\$135.43 135.43	10/26/2016
LEO'S CONEY ISLAND Prisoner Meals	101-325-963.000 <i>March 30-August 2, 2016</i>	\$1,448.37 1,448.37	10/26/2016
LINTON, MARCY Reimbursement for Fuel on 9/8/16	101-305-863.000 <i>Travel to ojl medical appt.</i>	\$10.00 10.00	10/26/2016
MICHIGAN.COM Job posting	592-172-963.000 <i>Recruitment Circulation - Option 2</i>	\$1,256.30 1,256.30	10/26/2016
O K FIRE EQUIPMENT CO SERVICE FOR FIRE EQUIPMENT IN POLICE CARS	101-305-776.000 <i>INV 5145</i>	\$133.00 133.00	10/26/2016
A.S.C., INC CCTV Service Agreement Quarterly Billing Inv. 41	101-305-818.000 <i>Coverage Period 10/1/16 - 12/31/16</i>	\$2,445.00 2,445.00	10/26/2016
ALLIE BROTHERS UNIFORMS Uniform Equipment - Officer Smitherman Inv. 622	101-305-758.000 <i>Uniform Holster Drop Leg</i>	\$199.99 199.99	10/26/2016

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$32.00
Uniform Equipment/Cioma Inv. 62101 9/17/16		Check Date:	10/26/2016
101-305-758.000	Uniform gloves		32.00
ALPHAGRAPHICS #336		Invoice Amount:	\$225.00
Est 22254 - date 9/26/16		Check Date:	10/26/2016
592-172-727.000	Bus.Cards Kelly Latawiec		75.00
592-172-727.000	Bus.Cards Sarah Vlsel		75.00
592-172-727.000	Bus.Cards Ann Wallace		75.00
OCCUPATIONAL HEALTH CENTERS OF MI		Invoice Amount:	\$283.00
Comm. Center Applicant Pre-Employment Physical		Check Date:	10/26/2016
101-325-818.000	Applicant Andrea Bosworth		141.50
101-325-818.000	Applicant Meaghan Eldridge		141.50
CDW GOVERNMENT INC		Invoice Amount:	\$169.41
Network Data Switches-MiDeal Quote HJHL316		Check Date:	10/26/2016
101-201-978.000	Cisco StackWise 480 cable - STACK-T1-3M=		169.41
CDW GOVERNMENT INC		Invoice Amount:	\$39,547.54
Network Data Switches-MiDeal Quote HJHL316		Check Date:	10/26/2016
101-201-978.000	Cisco Catalyst 3850 - WS-C3850-48U-S		31,623.92
101-201-978.000	Cisco Catalyst 3850 - WS-C3850-12XS-S		7,623.62
101-201-978.000	Cisco Sec Pwr Supply - PWR-C1-350WAC/2		300.00
CORRIGAN OIL COMPANY		Invoice Amount:	\$1,744.03
Fuel		Check Date:	10/26/2016
592-291-863.000	87 Gas-Ethanol		924.75
592-291-863.000	Dyed Ultra Low Sulfur #2 mix		808.88
592-291-863.000	Fuel Tax Recap		10.40
FEDEX		Invoice Amount:	\$30.89
Package Shipped Inv. 5-559-82757 9/28/16		Check Date:	10/26/2016
101-305-727.000	Shipped to Custom Signal 9/21/16		30.89
RICOH USA, INC.		Invoice Amount:	\$256.86
Service agreement		Check Date:	10/26/2016
592-172-727.000	Ricoh 10/1/16 - 12/31/16		198.00
101-253-727.000	Ricoh 10/1/16-12/31/16		58.86
MICHIGAN SURVEYORS SUPPLY, INC.		Invoice Amount:	\$16.00
GPS Unit		Check Date:	10/26/2016
592-172-727.000	Screen protector		16.00
Michigan Meter, a Ferguson enterpr		Invoice Amount:	\$2,424.00
Meters		Check Date:	10/26/2016
592-172-780.000	1 T10 MTR		2,424.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$697.14
Uniforms		Check Date:	10/26/2016
592-172-758.000	Hard hats		49.50
592-172-758.000	Box of Nitrile		30.00
592-172-758.000	Yellow Core glove		24.00
592-172-758.000	SS T-shirt L/XL		214.56
592-172-758.000	LS T-shirt Lg		144.36
592-172-758.000	SS HI-VIS T-shirt		234.72

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

MICHIGAN LINEN SERVICE		Invoice Amount:	\$84.35
Uniforms		Check Date:	10/26/2016
	592-172-758.000	Uniforms 10/7	84.35
MICHIGAN LINEN SERVICE		Invoice Amount:	\$84.35
Uniforms		Check Date:	10/26/2016
	592-172-758.000	Uniforms 9/30	84.35
OAKLAND COUNTY		Invoice Amount:	\$7,155.25
Clemis Fees - July-September 2016 Inv. CLM0007		Check Date:	10/26/2016
	101-325-818.000	Membership Usage Fee	1,870.50
	101-325-818.000	MDC Participation Fee	3,282.00
	101-325-818.000	Livescan - October-December 2016	927.75
	101-325-818.000	Mug Capture Stn Maint - October-December	1,000.00
	101-325-818.000	CrimeMapping	75.00
SCHOOLCRAFT COLLEGE		Invoice Amount:	\$450.00
Emergency Vehicle Operator Trg. on 8/25/16 Inv.		Check Date:	10/26/2016
	101-305-960.000	Bartram, Hoffman and Selpenko	450.00
Wolverine Sealcoating LLC		Invoice Amount:	\$40,774.76
2016 Contract		Check Date:	10/26/2016
	101-446-818.000	2016 Road Crack Sealing Program	40,774.76
XTREME SHREDS		Invoice Amount:	\$860.00
Mobile Doc		Check Date:	10/26/2016
	226-226-810.000	Bins	120.00
	226-226-810.000	Community Shred	740.00
CDW GOVERNMENT INC		Invoice Amount:	\$1,010.45
Network Data Switches-MiDeal Quote HJHL316		Check Date:	10/26/2016
	101-201-978.000	Cisco SFP+ Cop Twx Cable-SFP-H10GB-CU5M=	338.84
	101-201-978.000	Cisco SFP mini-GBIC Mod - GLC-LH-SMD=	561.49
	101-201-978.000	Cisco StackPower 5ft - CAB-SPWR-150CM=	110.12
PROVANTAGE, LLC		Invoice Amount:	\$693.31
LTO6 Data Cartridges-Quote 7135460		Check Date:	10/26/2016
	101-201-727.000	HP LTO6 Data Cartridge - C7976B	680.00
	101-201-727.000	Shipping	13.31
NAPA Auto Parts of Plymouth		Invoice Amount:	\$18.16
Auto Supplies for Det. Bureau Veh Inv. 514660 1		Check Date:	10/26/2016
	101-305-863.000	Wiper Blades	18.16
BATTERIES PLUS BULBS		Invoice Amount:	\$189.73
Batteries for Police Dept. Inv. 481-304737 10/10/		Check Date:	10/26/2016
	101-305-727.000	3 Volt Lithium	111.80
	101-305-727.000	9 Volt	31.98
	101-305-727.000	C Batteries	23.98
	101-305-727.000	AA Batteries	7.99
	101-305-727.000	AAA Batteries	13.98
CINTAS CORPORATION - 300		Invoice Amount:	\$94.33
Mats for Police Department Inv. 300601466 10/4/		Check Date:	10/26/2016
	101-305-776.000	3 x 10 brown mats	55.02
	101-305-776.000	4 x 6 brown mats	29.84
	101-305-776.000	Service Charge	9.47

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

FIFER INVESTIGATIONS, LLC		Invoice Amount:	\$2,422.00
Background Investigations - Police Service Aides		Check Date:	10/26/2016
101-325-818.000	Applicant Andrea Bosworth		1,075.00
101-325-818.000	Social Security Employment History		136.00
101-325-818.000	Applicant Meaghan Eldridge		1,075.00
101-325-818.000	Social Security Employment History		136.00
FIRING LINE		Invoice Amount:	\$1,375.00
Ammunition for PD Range Days Inv. 1392 9/29/1		Check Date:	10/26/2016
101-305-960.000	1000 Round Case of Speer Gold Dot 45 ACP		1,200.00
101-305-960.000	250 Round Case of Federal 12 Gauge		175.00
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$166.40
Vehicle Repair/124316 Inv. C69765 9/30/16		Check Date:	10/26/2016
101-305-863.000	Oil Change/Replace Battery		166.40
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$526.76
Vehicle Repair/124315 Inv. C69368 9/28/16		Check Date:	10/26/2016
101-305-863.000	Replace AC Comp Evac		526.76
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$439.05
Vehicle Repair/106438 Inv. C69091 9/23/16		Check Date:	10/26/2016
101-305-863.000	Replace front brake pads and rotors		439.05
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$187.35
Vehicle Repair/143167 Inv. C68604 9/20/16		Check Date:	10/26/2016
101-305-863.000	Oil Change/Air Filter		187.35
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$33.95
Vehicle Repair/126605 Inv. C68332 9/15/16		Check Date:	10/26/2016
101-305-863.000	Oil change and vehicle inspection		33.95
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$293.70
Vehicle Repair/124316 Inv. C67833 9/12/16		Check Date:	10/26/2016
101-305-863.000	Replace Front Eco Sensor		293.70
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$23.95
Vehicle Repair/157877 Inv. C67311 9/7/16		Check Date:	10/26/2016
101-305-863.000	Oil change		23.95
HINES PARK LINCOLN MERCURY		Invoice Amount:	\$49.53
Vehicle Repair/C41291 Inv. C67194 9/7/16		Check Date:	10/26/2016
101-305-863.000	Oil change/replace tire valve stem		49.53
HUMANE SOCIETY OF HURON VALLEY		Invoice Amount:	\$75.00
Stray Impound Services - August 2016 Inv. 08201		Check Date:	10/26/2016
101-305-819.000	Stray Impound Services		75.00
IRON MOUNTAIN		Invoice Amount:	\$180.00
Oct 2016 Storage		Check Date:	10/26/2016
101-215-727.000	Oct. 2016 Storage		180.00
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$69.36
Maint Agree - BizHub Copier C364E Inv. 9002772		Check Date:	10/26/2016
101-325-851.000	8/26/16 - 9/25/16 coverage period		69.36

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$204.97
Copies		Check Date:	10/26/2016
	101-371-727.000	Copies	145.73
	101-215-727.000	Copies	59.24
MICHIGAN, STATE OF		Invoice Amount:	\$30.00
SOR Registration - July 2016 Inv. 551-471291 8/3		Check Date:	10/26/2016
	101-305-818.000	SOR Reg - Period Ending 7/31/16	30.00
TASER INTERNATIONAL		Invoice Amount:	\$1,652.82
Taser Cartridges Quotation #Q-82624-1 9/7/16		Check Date:	10/26/2016
	101-305-960.000	Cartridge, Performance, Smart 25'	1,630.00
	101-305-960.000	Shipping and Handling	22.82
UPPER LEVEL GRAPHICS		Invoice Amount:	\$495.00
Graphics on New Police Vehicle Inv.15707 9/5/16		Check Date:	10/26/2016
	101-305-863.000	2016 Explorer Vehicle #16-2	495.00
WAYNE COUNTY		Invoice Amount:	\$525.00
May 2016 Prisoner Housing Inv. 286786 9/15/16		Check Date:	10/26/2016
	101-305-832.000	May 2016 Housing	525.00
WEST PAYMENT CENTER		Invoice Amount:	\$196.89
Clear Investigations Advanced Inv. 834791967 10		Check Date:	10/26/2016
	101-305-960.000	Sept. 1 - Sept. 30 Monthly Charges	196.89
OFFICE DEPOT		Invoice Amount:	\$(64.12)
office depot credit on PO 16-65581		Check Date:	10/26/2016
	101-371-727.000	INV 869675267001	(64.12)
KSS Enterprises		Invoice Amount:	\$386.88
Misc. Restroom and Pavilion Cleaning Supplies		Check Date:	10/26/2016
	101-691-931.000	Mango U Screen urinal screens	13.83
	101-691-931.000	1.5 Mil Trash can liners	200.40
	101-691-931.000	Non Aciddc Restroon Cleaner	71.52
	101-691-931.000	C- Fold Towels	32.15
	101-691-931.000	Jumbo Roll Toilet Paper	37.72
	101-691-931.000	Refill White Hand Soap	31.26
KSS Enterprises		Invoice Amount:	\$64.30
C-Fold Towels		Check Date:	10/26/2016
	101-691-931.000	C-Fold Towels W49500 White	64.30
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$347.62
SEPT FUEL INVOICES		Check Date:	10/26/2016
	101-371-863.000	INV 001176	347.62
OAKLAND COUNTY		Invoice Amount:	\$56.50
Out-County GIS Data Inv. INF0002101 9/30/16		Check Date:	10/26/2016
	101-325-818.000	GIS DATA	56.50
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$3,946.89
September Fuel Inv. 001176 10/11/16		Check Date:	10/26/2016
	101-305-863.000	Patrol Vehicles	3,917.64
	101-325-963.000	PSA Vehicle	29.25

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

VENDOR INFORMATION**INVOICE INFORMATION**

WAYNE COUNTY			Invoice Amount:	\$280.00
Prisoner Housing - June 2016 Inv. 287000 9/26/1			Check Date:	10/26/2016
	<i>101-305-832.000</i>	<i>June Prisoner Housing</i>		<i>280.00</i>
KSS Enterprises			Invoice Amount:	\$68.28
Toilet Paper			Check Date:	10/26/2016
	<i>101-691-931.000</i>	<i>Toilet Paper 2-ply</i>		<i>68.28</i>
ASSOCIATED NEWSPAPERS OF MICHIGAN			Invoice Amount:	\$54.01
Legal Notices 10-13-2016			Check Date:	10/26/2016
	<i>101-215-813.000</i>	<i>ZBA Notice</i>		<i>29.01</i>
	<i>101-262-813.000</i>	<i>Notice of M100 Test Nov, 2016 Election</i>		<i>25.00</i>
FELL, CYNTHIA			Invoice Amount:	\$76.30
Reimbursement for Meals at CJIC Conference 10/			Check Date:	10/26/2016
	<i>101-325-960.000</i>	<i>Meals for C. Fell and K. Bonadeo</i>		<i>76.30</i>
ELECTION SOURCE			Invoice Amount:	\$101.51
Ballot Marking Instructions			Check Date:	10/26/2016
	<i>101-262-727.000</i>	<i>Ballot Marking Instructions</i>		<i>95.00</i>
	<i>101-262-727.000</i>	<i>Freight</i>		<i>6.51</i>
UPS			Invoice Amount:	\$15.60
Mailings			Check Date:	10/26/2016
	<i>101-215-727.000</i>	<i>Clerk Mailing</i>		<i>9.66</i>
	<i>592-172-727.000</i>	<i>DPW Mailing</i>		<i>5.94</i>
		Total Amount to be Disbursed:		\$189,217.18

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

AT & T		Invoice Amount:	\$1,807.30
ATT Bill- Oct 2016		Check Date:	10/19/2016
	101-201-853.000	Information Services	97.81
	101-209-853.000	Assessing	60.96
	101-371-853.000	Building	108.44
	101-336-853.000	Fire	367.41
	101-305-853.000	Police	287.58
	101-171-853.000	Supervisor	130.52
	101-253-853.000	Treasurer	84.62
	101-215-853.000	Clerk	130.98
	101-400-853.000	Community Development	157.52
	101-325-853.000	Dispatch	139.31
	226-226-853.000	Solid Waste	13.83
	592-172-853.000	Water/Sewer	124.38
	592-291-805.000	Water/Sewer	46.10
	101-265-854.000	Twp Hall	16.54
	101-691-853.000	Park	41.30
AT & T		Invoice Amount:	\$623.43
Video Arraignment Sept 2016-Per old contract-adj		Check Date:	10/19/2016
	101-325-853.000	Video Arrignment Sept 2016	623.43
BLUE CARE NETWORK OF MICHIGAN		Invoice Amount:	\$12,340.43
Nov 2016 Coverage		Check Date:	10/19/2016
	101-305-714.000	Gordon	1,443.98
	101-265-714.000	Haack	1,337.63
	101-336-714.000	Jowsey	1,337.63
	592-172-716.000	Latawiec	1,337.63
	101-215-714.000	LeClair	559.68
	101-371-714.000	Palmarчук	1,337.63
	101-305-714.000	Pawłowski	559.68
	592-172-716.000	Snell	1,337.63
	592-172-716.000	Visel	1,443.98
	592-172-716.000	Fidh	822.48
	101-209-714.000	Pyykkonen	822.48
BLUE CARE NETWORK OF MICHIGAN		Invoice Amount:	\$76,583.23
Nov 2016 Coverage		Check Date:	10/19/2016
	101-305-714.000	Antal	1,259.84
	101-305-714.000	Bartram	(1,167.06)
	101-325-714.000	Berezak	488.31
	101-305-714.000	Cheston	1,259.84
	101-305-714.000	Cloma	1,259.84
	101-336-714.000	Conely	1,259.84
	101-336-714.000	Conroy	1,259.84
	101-215-714.000	Conzelman	1,259.84
	592-172-716.000	Courter	1,259.84
	101-325-714.000	Crowe	1,167.06
	101-336-714.000	Culver	1,259.84
	101-325-714.000	Fell	1,259.84
	592-172-716.000	Fellrath	1,259.84
	101-305-714.000	Fetner	1,259.84
	101-305-714.000	Fetter	488.31
	101-336-714.000	Fox	1,259.84
	101-305-714.000	Fritz	1,259.84
	101-336-714.000	Haller	1,259.84
	101-336-714.000	Harrell	488.31
	101-305-714.000	Haskin	488.31

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

101-305-714.000	Hayes	1,167.06
101-305-714.000	Hinkle	488.31
101-325-714.000	Innes	1,167.06
101-201-714.000	Janks	1,259.84
101-305-714.000	King	1,259.84
101-305-714.000	Krebs	1,259.84
101-371-714.000	Lewis	1,259.84
101-305-714.000	Linton	1,259.84
101-336-714.000	Mack	1,167.06
101-336-714.000	Mangan	488.31
101-305-714.000	McParland	1,167.06
101-691-714.000	Mitchell	488.31
101-336-714.000	Phillips	1,259.84
101-336-714.000	Pickert	488.31
101-305-714.000	Ripp	488.31
101-325-714.000	Rodriguez	488.31
265-300-714.000	Rozum	1,167.06
101-305-714.000	Rupard	488.31
101-305-714.000	Schemanske	488.31
101-305-714.000	Selpenko	1,259.84
101-336-714.000	Smith	1,259.84
101-325-714.000	Smith	1,259.84
101-305-714.000	Smitherman	1,167.06
101-336-714.000	Tefend	1,259.84
101-305-714.000	Tiderington	488.31
101-325-714.000	Turley	1,167.06
101-336-714.000	Villet	1,259.84
101-171-714.000	Wallace	1,167.06
101-305-714.000	Warring	488.31
101-305-714.000	Lauria	717.29
101-336-714.000	Eldridge	1,714.32
101-336-714.000	Haar	1,850.61
101-336-714.000	Hahn	717.29
101-336-714.000	Jury	717.29
101-336-714.000	King M	717.29
101-305-714.000	Lego	1,850.61
101-336-714.000	Maycock	717.29
101-336-714.000	McDurmon	717.29
101-336-714.000	Ralney	1,850.61
101-305-714.000	Rapson	1,714.32
101-336-714.000	Russo	1,714.32
101-336-714.000	Valensky	1,714.32
101-336-714.000	Warren	717.29
101-336-714.000	Wendel	717.29
101-336-714.000	Westfall	1,850.61
101-305-714.000	Wilson	1,714.32
101-305-714.000	Wood	717.29
101-305-714.000	Hoffman M	1,259.84
101-325-714.000	Fitzgerald	1,259.84
101-336-714.000	Gross	2,519.68
101-336-714.000	Bonadeo	1,259.84
101-325-714.000	Fritz	185.56

BLUE CARE NETWORK OF MICHIGAN

Nov 2016 Coverage

592-172-716.000	Anderson C
592-172-716.000	Anulewicz
101-305-714.000	Berry C

Invoice Amount: \$11,157.82**Check Date: 10/19/2016**

635.62

635.62

635.62

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

101-336-714.000	Groth	927.47
101-305-714.000	Jarvis	365.09
101-371-714.000	Kloc	317.81
101-290-714.000	Massengill	317.81
101-336-714.000	Maycock	365.09
101-371-714.000	McIlhargey	635.62
101-336-714.000	Miller C	365.09
101-290-714.000	Richardson	635.62
101-325-714.000	Rockwell	635.62
101-336-714.000	Vanvleck	365.09
101-336-714.000	Warren	412.37
101-290-714.000	Whitmore	635.62
101-290-714.000	Brooks	635.62
101-290-714.000	Hood	317.81
101-290-714.000	Nalepka	635.62
101-290-714.000	Rorabacher	635.62
101-336-714.000	Hahn	365.09
101-336-714.000	King S	365.09
101-400-714.000	Barney Shirley	317.81

BLUE CROSS/BLUE SHIELD OF MICHIGAN**Invoice Amount: \$4,509.63**

Retiree Health Nov 2016

Check Date: 10/19/2016

101-336-714.000	Belsky	501.07
101-336-714.000	Honke	501.07
101-336-714.000	Knupp	501.07
101-336-714.000	Maas	501.07
101-336-714.000	Mothersbaugh	501.07
101-336-714.000	MothersbaughS	501.07
101-336-714.000	Belsky B	501.07
101-336-714.000	Hagopian G	501.07
101-336-714.000	Knupp :	501.07

C.O.A.M. - PLYMOUTH TOWNSHIP**Invoice Amount: \$336.55**

COAM Union Deductions - Oct 2016

Check Date: 10/19/2016

101-100-232.050	Fetner, William J.	67.31
101-100-232.050	Krebs, Ryan	67.31
101-100-232.050	Kudra, Daniel J.	67.31
101-100-232.050	Seipenko, Todd A.	67.31
101-100-232.050	Hoffman	67.31

COMCAST**Invoice Amount: \$389.70**

Cable service Oct 2016

Check Date: 10/19/2016

101-691-931.000	Soccer fields	129.90
101-336-921.000	FS#3	129.90
101-325-853.000	Video arraignment	129.90

CONSUMERS ENERGY**Invoice Amount: \$1,765.35**

Consumer monthly Sept-Oct 2016

Check Date: 10/19/2016

101-171-921.000	Supervisor	129.07
101-201-921.000	Info Services	69.06
101-209-921.000	Assessing	36.94
101-215-921.000	Clerk	112.16
101-253-921.000	Treasurer	46.85
101-265-854.000	Twp. Hall	42.27
101-305-921.000	Police	370.66
101-325-921.000	Dispatch	154.30
101-336-921.000	Fire	229.00
101-371-921.000	Building	81.25

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

<i>101-400-921.000</i>	<i>Community Development</i>	<i>45.52</i>
<i>101-691-921.000</i>	<i>Park</i>	<i>71.36</i>
<i>226-226-921.000</i>	<i>Solid Waste</i>	<i>10.70</i>
<i>592-172-921.000</i>	<i>DPW</i>	<i>194.52</i>
<i>510-510-737.000</i>	<i>Golf Course</i>	<i>144.53</i>
<i>592-444-745.000</i>	<i>DPW</i>	<i>27.16</i>

CORPORATE CLEANING GROUP INC

Monthly Janitorial DPW Oct 2016

<i>592-172-776.000</i>	<i>DPW</i>	<i>345.00</i>
<i>101-265-858.000</i>	<i>Senior Center</i>	<i>60.00</i>

Invoice Amount:	\$405.00
Check Date:	10/19/2016

CORPORATE CLEANING GROUP INC

Oct 2016 Service

<i>101-305-776.000</i>	<i>Janitorial Service 2016</i>	<i>904.37</i>
<i>101-265-776.000</i>	<i>Janitorial Service 2016</i>	<i>893.97</i>
<i>592-172-776.000</i>	<i>Janitorial Service 2016</i>	<i>187.11</i>
<i>101-336-776.000</i>	<i>Janitorial Service 2016</i>	<i>93.55</i>
<i>101-325-818.000</i>	<i>Janitorial Service-Haz Mat Cleans</i>	<i>175.00</i>
<i>101-265-858.000</i>	<i>Janitorial Service Friendship Station</i>	<i>117.00</i>

Invoice Amount:	\$2,371.00
Check Date:	10/19/2016

DELTA DENTAL PLAN OF MI

Oct 2016

<i>101-305-714.000</i>	<i>Antal</i>	<i>117.82</i>
<i>101-336-714.000</i>	<i>Atkins</i>	<i>117.82</i>
<i>101-305-714.000</i>	<i>Bartram</i>	<i>69.22</i>
<i>101-325-714.000</i>	<i>Berezak</i>	<i>37.41</i>
<i>101-305-714.000</i>	<i>Brothers</i>	<i>117.82</i>
<i>592-172-716.000</i>	<i>Bruce</i>	<i>69.22</i>
<i>101-336-714.000</i>	<i>Bukis</i>	<i>117.82</i>
<i>101-305-714.000</i>	<i>Cheston</i>	<i>117.82</i>
<i>101-100-123.000</i>	<i>Cloma</i>	<i>117.82</i>
<i>101-325-714.000</i>	<i>Clark</i>	<i>117.82</i>
<i>101-305-714.000</i>	<i>Coffell</i>	<i>117.82</i>
<i>101-336-714.000</i>	<i>Conely</i>	<i>117.82</i>
<i>101-336-714.000</i>	<i>Conroy</i>	<i>69.22</i>
<i>101-215-714.000</i>	<i>Conzelman</i>	<i>117.82</i>
<i>101-171-714.000</i>	<i>Coobatis</i>	<i>69.22</i>
<i>592-172-716.000</i>	<i>Courter</i>	<i>117.82</i>
<i>101-325-714.000</i>	<i>Crowe</i>	<i>69.22</i>
<i>101-336-714.000</i>	<i>Culver</i>	<i>117.82</i>
<i>101-253-714.000</i>	<i>Edwards</i>	<i>117.82</i>
<i>101-325-714.000</i>	<i>Fell</i>	<i>117.82</i>
<i>592-172-716.000</i>	<i>Fellrath</i>	<i>117.82</i>
<i>101-305-714.000</i>	<i>Fetner</i>	<i>117.82</i>
<i>101-305-714.000</i>	<i>Fetter</i>	<i>37.41</i>
<i>101-336-714.000</i>	<i>Fox</i>	<i>117.82</i>
<i>101-305-714.000</i>	<i>Fritz</i>	<i>69.22</i>
<i>101-305-714.000</i>	<i>Gordon</i>	<i>117.82</i>
<i>101-336-714.000</i>	<i>Gross</i>	<i>117.82</i>
<i>101-265-714.000</i>	<i>Haack</i>	<i>69.22</i>
<i>101-336-714.000</i>	<i>Haller</i>	<i>117.82</i>
<i>101-253-714.000</i>	<i>Hammye</i>	<i>117.82</i>
<i>101-336-714.000</i>	<i>Harrell</i>	<i>37.41</i>
<i>101-305-714.000</i>	<i>Haskin</i>	<i>37.41</i>
<i>101-305-714.000</i>	<i>Hayes</i>	<i>69.22</i>
<i>101-305-714.000</i>	<i>Hinkle</i>	<i>37.41</i>
<i>101-305-714.000</i>	<i>Hoffman</i>	<i>117.82</i>

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VENDOR INFORMATION
INVOICE INFORMATION

101-325-714.000	Innes	69.22
101-201-714.000	Janks	117.82
101-336-714.000	Jowsey	69.22
101-305-714.000	King C	166.42
101-305-714.000	Krebs	117.82
101-305-714.000	Kudra	117.82
101-100-123.000	Kushner	117.82
592-172-716.000	Latawiec	69.22
101-215-714.000	LeClair	37.41
101-371-714.000	Lewis	117.82
101-305-714.000	Linton	117.82
101-215-714.000	Lozler	117.82
101-336-714.000	Mack	69.22
101-336-714.000	Mallari	117.82
101-336-714.000	Mangan	37.41
101-336-714.000	Mann	117.82
101-305-714.000	McParland	69.22
101-691-714.000	Mitchell	37.41
101-371-714.000	Palmarчук	69.22
101-305-714.000	Pawlowski	37.41
101-336-714.000	Phillips	117.82
101-336-714.000	Pickert	37.41
101-171-714.000	Price	117.82
101-371-714.000	Pumphrey	117.82
101-305-714.000	Ripp	37.41
101-325-714.000	Rodriguez	37.41
265-300-714.000	Rozum	69.22
101-305-714.000	Rupard	37.41
101-305-714.000	Schemanske	37.41
101-305-714.000	Selpenko	117.82
101-336-714.000	Smith, Chris	117.82
101-325-714.000	Smith, Stephanie	117.82
101-305-714.000	Smitherman	69.22
592-172-716.000	Snell	69.22
101-336-714.000	Tefend	117.82
101-305-714.000	Tiderington, Scott	37.41
101-305-714.000	Tiderington, Tom	117.82
101-325-714.000	Turley	69.22
101-336-714.000	Villet	117.82
592-172-716.000	Visel	117.82
101-171-714.000	Wallace	69.22
101-305-714.000	Warring	37.41
101-305-714.000	Lauria	37.41
592-172-716.000	Anderson C	69.22
101-305-714.000	Anderson E	69.22
592-172-716.000	Anulewicz	69.22
101-290-714.000	Barney	37.41
101-336-714.000	Belsky	69.22
101-305-714.000	Berry C	69.22
101-336-714.000	Eldridge	69.22
592-172-716.000	Fidh	69.22
101-336-714.000	Groth	69.22
101-336-714.000	Haar	117.82
101-336-714.000	Hahn, Donald	69.22
592-172-716.000	Hollis, T	37.41
101-336-714.000	Honke	37.41
101-305-714.000	Jarvis	37.41
101-336-714.000	Jury	117.82

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

101-336-714.000	King M	69.22
101-371-714.000	Kloc	69.22
101-336-714.000	Knupp	69.22
101-691-714.000	Kozlan	69.22
101-305-714.000	Lego	117.82
101-336-714.000	Maas	37.41
101-290-714.000	Massengill	37.41
101-336-714.000	Maycock	69.22
101-336-714.000	McDurmon	37.41
101-371-714.000	McIlhargey	69.22
101-336-714.000	Miller C	37.41
101-336-714.000	Mothersbaugh	69.22
101-209-714.000	Pyykkonen	37.41
101-336-714.000	Rainey	117.82
101-305-714.000	Rapson	69.22
101-290-714.000	Richardson	69.22
101-325-714.000	Rockwell	69.22
101-336-714.000	Russo	69.22
592-172-716.000	Smith Cheryl	37.41
101-305-714.000	Smith Robert	69.22
101-691-714.000	Smith Timothy C	37.41
101-336-714.000	Valensky	69.22
101-336-714.000	Vanvleck	69.22
101-336-714.000	Warren	69.22
101-336-714.000	Wendel	37.41
101-336-714.000	Westfall	117.82
101-290-714.000	Whitmore	69.22
101-305-714.000	Wilson	69.22
101-305-714.000	Wood	37.41
101-336-714.000	Hahn Kyle	37.41
101-336-714.000	Kohl, Robert	37.41
101-336-714.000	Randall Jeffrey	117.82
101-325-714.000	Fitzgerald	117.82
101-305-714.000	Assessment fee-State Claims Tax	62.53
101-305-714.000	Bonadeo, Karen	117.82

DELTA DENTAL PLAN OF MI

November 2016

Invoice Amount:**\$10,857.95****Check Date:****10/19/2016**

101-305-714.000	Antal	117.82
101-336-714.000	Atkins	117.82
101-305-714.000	Bartram	69.22
101-325-714.000	Berezak	37.41
101-305-714.000	Brothers	117.82
592-172-716.000	Bruce	69.22
101-336-714.000	Bukis	117.82
101-305-714.000	Cheston	117.82
101-100-123.000	Cloma	117.82
101-325-714.000	Clark	117.82
101-305-714.000	Coffell	117.82
101-336-714.000	Conely	117.82
101-336-714.000	Conroy	69.22
101-215-714.000	Conzelman	117.82
101-171-714.000	Coobatis	69.22
592-172-716.000	Courter	117.82
101-325-714.000	Crowe	69.22
101-336-714.000	Culver	117.82
101-253-714.000	Edwards	117.82
101-325-714.000	Fell	117.82

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION
INVOICE INFORMATION

592-172-716.000	Fellrath	117.82
101-305-714.000	Fetner	117.82
101-305-714.000	Fetter	37.41
101-336-714.000	Fox	117.82
101-305-714.000	Fritz	69.22
101-305-714.000	Gordon	117.82
101-336-714.000	Gross	117.82
101-265-714.000	Haack	69.22
101-336-714.000	Haller	117.82
101-253-714.000	Hammye	117.82
101-336-714.000	Harrell	37.41
101-305-714.000	Haskin	37.41
101-305-714.000	Hayes	69.22
101-305-714.000	Hinkle	37.41
101-305-714.000	Hoffman	117.82
101-325-714.000	Innes	69.22
101-201-714.000	Janks	117.82
101-336-714.000	Jowsey	69.22
101-305-714.000	King C	117.82
101-305-714.000	Krebs	117.82
101-305-714.000	Kudra	117.82
101-100-123.000	Kushner	117.82
592-172-716.000	Latawiec	69.22
101-215-714.000	LeClair	37.41
101-371-714.000	Lewis	117.82
101-305-714.000	Linton	117.82
101-215-714.000	Lozler	117.82
101-336-714.000	Mack	69.22
101-336-714.000	Mallari	117.82
101-336-714.000	Mangan	37.41
101-336-714.000	Mann	117.82
101-305-714.000	McParland	69.22
101-691-714.000	Mitchell	37.41
101-371-714.000	Palmarчук	69.22
101-305-714.000	Pawlowski	37.41
101-336-714.000	Phillips	117.82
101-336-714.000	Pickert	37.41
101-171-714.000	Price	117.82
101-371-714.000	Pumphrey	117.82
101-305-714.000	Ripp	37.41
101-325-714.000	Rodriguez	37.41
265-300-714.000	Rozum	69.22
101-305-714.000	Rupard	37.41
101-305-714.000	Schemanske	37.41
101-305-714.000	Selpenko	117.82
101-336-714.000	Smith, Chrs	117.82
101-325-714.000	Smith, Stephanie	117.82
101-305-714.000	Smitherman	69.22
592-172-716.000	Snell	69.22
101-336-714.000	Tefend	117.82
101-305-714.000	Tiderington, Scott	37.41
101-305-714.000	Tiderington, Tom	117.82
101-325-714.000	Turley	69.22
101-336-714.000	Villet	117.82
592-172-716.000	Visel	117.82
101-171-714.000	Wallace	69.22
101-305-714.000	Warring	37.41
101-305-714.000	Lauria	37.41

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

592-172-716.000	Anderson C	69.22
101-305-714.000	Anderson E	69.22
592-172-716.000	Anulewicz	69.22
101-290-714.000	Barney	37.41
101-336-714.000	Beisky	69.22
101-305-714.000	Berry C	69.22
101-336-714.000	Eldridge	69.22
592-172-716.000	Fidh	69.22
101-336-714.000	Groth	69.22
101-336-714.000	Haar	117.82
101-336-714.000	Hahn, Donald	69.22
592-172-716.000	Hollis, T	37.41
101-336-714.000	Honke	37.41
101-305-714.000	Jarvis	37.41
101-336-714.000	Jury	117.82
101-336-714.000	King M	69.22
101-371-714.000	Kloc	69.22
101-336-714.000	Knupp	69.22
101-691-714.000	Kozlan	69.22
101-305-714.000	Lego	117.82
101-336-714.000	Maas	37.41
101-290-714.000	Massengill	37.41
101-336-714.000	Maycock	69.22
101-336-714.000	McDurmon	37.41
101-371-714.000	McIlhargey	69.22
101-336-714.000	Miller C	37.41
101-336-714.000	Mothersbaugh	69.22
101-209-714.000	Pyykkonen	37.41
101-336-714.000	Ralney	117.82
101-305-714.000	Rapson	69.22
101-290-714.000	Richardson	69.22
101-325-714.000	Rockwell	69.22
101-336-714.000	Russo	69.22
592-172-716.000	Smith Cheryl	37.41
101-305-714.000	Smith Robert	69.22
101-691-714.000	Smith Timothy C	37.41
101-336-714.000	Valensky	69.22
101-336-714.000	Vanvleck	69.22
101-336-714.000	Warren	69.22
101-336-714.000	Wendel	37.41
101-336-714.000	Westfall	117.82
101-290-714.000	Whitmore	69.22
101-305-714.000	Wilson	69.22
101-305-714.000	Wood	37.41
101-336-714.000	Hahn Kyle	37.41
101-336-714.000	Kohl, Robert	37.41
101-336-714.000	Randall Jeffrey	117.82
101-325-714.000	Fitzgerald	117.82
101-305-714.000	Assessment fee-State Claims Tax	65.83
101-305-714.000	Bonadeo, Karen	117.82
101-336-714.000	Bonadeo, Mark	235.64
588-588-714.000	Boyce, Kim	353.46

KNIGHT TECHNOLOGY GROUP, INC.

Firewall Monitor - October 2016

Invoice Amount:**\$100.00****Check Date:****10/19/2016**

101-290-941.000

Firewall Monitor - October 2016

100.00

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

JOHN HANCOCK LIFE INSURANCE CO.

EMPLOYER MATCH PAYROLL 10/14/2016

Invoice Amount:

\$13,944.62

Check Date:

10/19/2016

592-291-714.040	BARTLETT	277.20
101-100-123.000	BOYCE	226.13
101-215-714.010	CONZELMAN	585.06
101-171-714.010	COOBATIS	527.30
101-336-714.020	CULVER	301.35
592-291-714.040	COURTER	376.61
101-253-714.010	EDWARDS	585.06
592-291-714.010	FELLRATH	591.10
101-305-714.010	GORDON	270.56
101-265-714.010	HACK	224.66
101-336-714.020	HALLER	273.23
101-253-714.010	HAMMYE	326.82
101-201-714.010	JANKS	552.31
101-336-714.010	JOWSEY	235.35
592-291-714.040	KRUEGER	291.12
101-215-714.010	KUSHNER	473.08
592-172-714.010	LATAWIEC	235.35
101-215-714.010	LECLAIR	297.68
101-371-714.010	LEWIS	509.68
101-215-714.010	LOZIER	326.82
592-291-714.040	MELOW	291.12
101-691-714.010	MITCHELL	353.08
592-291-714.040	NELSON	207.96
592-291-714.040	OVERAITIS	277.20
101-371-714.010	PALMARCHUK	270.56
101-305-714.010	PAWLOWSKI	235.35
101-336-714.020	PICKERT	301.35
101-171-714.010	PRICE	642.60
101-371-714.010	PUMPHREY	297.68
101-400-714.010	RADTKE	316.85
592-291-714.010	SCHOLTEN	277.20
101-336-714.020	SMITH	301.35
592-172-714.010	SNELL	235.35
592-291-714.040	THOMAS	263.40
101-305-714.010	TIDERINGTON T	661.75
592-172-714.010	VISEL	267.98
101-171-714.010	WALLACE	362.69
101-305-714.000	Bonadeo	243.68
592-172-714.000	Worth	204.96
592-172-714.000	Pumphrey Z	204.96
101-305-714.000	Bonadeo Mark	241.08

JOHN HANCOCK LIFE INSURANCE CO.

EMPLOYEE W/H PAYROLL 10/14/2016

Invoice Amount:

\$3,877.38

Check Date:

10/19/2016

592-100-231.000	BARTLETT	92.40
101-100-123.000	BOYCE	75.38
101-100-231.000	CONZELMAN	195.02
101-100-231.000	COOBATIS	175.77
101-100-231.000	CULVER	100.45
592-100-231.000	COURTER	125.54
101-100-231.000	EDWARDS	195.02
592-100-231.000	FELLRATH	197.03
101-100-231.000	HALLER	91.08
101-100-231.000	HAMMYE	108.94
101-100-231.000	JANKS	184.10
592-100-231.000	KRUEGER	97.04

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

101-100-231.000	KUSHNER	157.69
101-100-231.000	LEWIS	169.89
101-100-231.000	LOZIER	108.94
592-100-231.000	MELOW	97.04
101-100-231.000	MITCHELL	117.69
592-100-231.000	NELSON	69.32
592-100-231.000	OVERAITIS	92.40
101-100-231.000	PAWLOWSKI	65.24
101-100-231.000	PICKERT	100.45
101-100-231.000	PRICE	214.20
101-100-231.000	RADTKE	105.62
592-100-231.000	SCHOLTEN	92.40
101-100-231.000	SMITH	100.45
592-100-231.000	SNELL	100.00
592-100-231.000	THOMAS	87.80
101-100-231.000	TIDERINGTON T	220.58
101-100-231.000	WALLACE	120.90
592-100-231.000	WORTH	69.32
592-100-231.000	Pumphrey Z	69.32
101-100-231.000	Bonadeo Mark	80.36

P.O.A.M. - PLYMOUTH TOWNSHIP

POAM Union Deductions - Oct 2016

Invoice Amount: \$1,691.14
Check Date: 10/19/2016

101-100-232.010	Bartram, Brad	62.31
101-100-232.040	Berezak, Jennifer	44.75
101-100-232.040	Bulmer, Cassandra M.	49.75
101-100-232.010	Cheston, Steven	62.31
101-100-232.010	Cioma, Bradley A.	62.31
101-100-232.040	Clark, Kristina R.	49.75
101-100-232.010	Coffell, Steven John	62.31
101-100-232.040	Crowe, Ronald E.	44.75
101-100-232.040	Fell, Cynthia	44.75
101-100-232.010	Fetter, Jeffery D.	62.31
101-100-232.010	Fritz, Michael	62.31
101-100-232.010	Haskin, Dane	62.31
101-100-232.010	Hayes, Jason	57.31
101-100-232.010	Hinkle, Michael T.	62.31
101-100-232.040	Innes, Donna M.	49.75
101-100-232.010	King, Caitlin E.	62.31
101-100-232.010	Linton, Marcy Kay	62.31
101-100-232.010	McParland, Jeffrey K.	62.31
101-100-232.010	Ripp, Jason R.	62.31
101-100-232.040	Rodriguez, Tracy	44.75
101-100-232.010	Rozum, Charles J.	62.31
101-100-232.010	Rupard, Bryan J.	62.31
101-100-232.010	Schemanske, Jeremy	62.31
101-100-232.040	Smith, Stephanie	44.75
101-100-232.010	Smitherman, Joseph A.	62.31
101-100-232.010	Tiderington, Scott R.	62.31
101-100-232.040	Turley, Melanie A.	44.75
101-100-232.010	Warring, Aaron Thomas	62.31
101-100-232.040	Yudt, Raymond	44.75
101-100-232.040	Fitzgerald, James	49.75

PLYM COMM COUNCIL ON AGING, INC

CDBG Council on Aging

Invoice Amount: \$2,224.00
Check Date: 10/19/2016

101-851-971.000 Council on Aging Block Grant

2,224.00

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

RIZZO ENVIRONMENTAL SERVICES			Invoice Amount:	\$57,287.50
Contract - Chipping Services			Check Date:	10/19/2016
	226-226-810.000	7/11 Chipping Service		8,437.50
	226-226-810.000	7/12 Chipping Service		7,706.25
	226-226-810.000	7/13 Chipping Service		7,425.00
	226-226-810.000	7/14 Chipping Service		10,575.00
	226-226-810.000	7/15 Chipping Service		7,537.50
	226-226-810.000	7/16 Chipping Service		15,606.25
RIZZO ENVIRONMENTAL SERVICES			Invoice Amount:	\$1,181.25
Contract - Chipping Services			Check Date:	10/19/2016
	226-226-810.000	7/29 Chipping Service		1,181.25
RIZZO ENVIRONMENTAL SERVICES			Invoice Amount:	\$9,112.50
Contract - Chipping Services			Check Date:	10/19/2016
	226-226-810.000	7/19 Chipping Service		2,475.00
	226-226-810.000	7/20 Chipping Service		2,587.50
	226-226-810.000	7/21 Chipping Service		2,081.25
	226-226-810.000	7/22 Chipping Service		1,968.75
SCHULTZ AND YOUNG, P.C.			Invoice Amount:	\$3,278.76
Sept 2016 Legal Expense			Check Date:	10/19/2016
	592-172-830.000	Fire		838.75
	101-290-826.000	General Labor		266.88
	101-305-826.000	Police		1,372.50
	101-325-828.000	Dispatch		800.63
TEAMSTER LOCAL # 214			Invoice Amount:	\$491.00
Teamster Local #214 - Oct 2016			Check Date:	10/19/2016
	101-100-232.030	Bartlett, James		53.00
	101-100-232.030	Krueger, Randy		56.00
	101-100-232.030	Melow, Steven		56.00
	101-100-232.030	Overaitts, Joseph		53.00
	101-100-232.030	Scholten, James		53.00
	101-100-232.030	Thomas, James		50.00
	101-100-232.030	Nelson, David		40.00
	101-100-232.030	Pumphrey, Zachary		65.00
	101-100-232.030	Worth, John		65.00
TECHNICAL, PROFESSIONAL AND OFFICE-			Invoice Amount:	\$527.00
TPOAM Union Deductions - Oct 2016			Check Date:	10/19/2016
	101-100-232.060	Bonadeo, Karen E.		31.00
	101-100-232.060	Bono, Jennifer A.		15.50
	101-100-232.060	De Blas, Lla M.		15.50
	101-100-232.060	Devoto, Claudia P.		15.50
	101-100-232.060	Glennle, Gail A.		15.50
	101-100-232.060	Gordon, Cheryl		31.00
	101-100-232.060	Haack, David		31.00
	101-100-232.060	Jowsey, Nancy		31.00
	101-100-232.060	Kline, Anne E.		15.50
	101-100-232.060	Latawiec, Kelly		31.00
	101-100-232.060	Leclair, Diane L.		31.00
	101-100-232.060	MacDonald, Kenneth E.		15.50
	101-100-232.060	MacDonell, Carol A.		15.50
	101-100-232.060	Martin, Carol R.		15.50
	101-100-232.060	Palmarчук, Cheryl		31.00
	101-100-232.060	Pawłowski, Donna E.		31.00

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-100-232.060	Pumphrey, Kathryn	31.00
	101-100-232.060	Snell, Donna Sue	31.00
	101-100-232.060	Truesdell, Mary Ann	15.50
	101-100-232.060	Visel, Sarah J.	31.00
	101-100-232.060	Geletzke, Alice	15.50
	101-100-232.060	Richardson, Michael	15.50
	101-100-232.060	Ludke, Mchelle	15.50
VERIZON WIRELESS			Invoice Amount: \$767.44
Sept 2016 wireless bills			Check Date: 10/19/2016
	592-172-853.000	DPW wireless devices	349.73
	101-201-853.000	Info services wireless devices	0.27
	101-325-853.000	PD dispatch wireless devices	52.60
	101-336-853.000	Fire wireless devices	120.05
	101-691-853.000	Park foreman wireless device	40.01
	805-805-970.005	Sidewalk Inspector wireless device	29.65
	226-226-853.000	Solid waste wireless device	52.13
	588-588-853.000	Senior Transportation wireless device	123.00
VERIZON WIRELESS			Invoice Amount: \$1,365.60
Sept 2016 Wireless			Check Date: 10/19/2016
	592-172-853.000	DPW	164.13
	101-201-853.000	Info services	60.61
	101-305-853.000	Police	266.88
	101-336-853.000	Fire	300.71
	101-691-853.000	Park	50.05
	101-215-853.000	Clerk	130.07
	101-371-853.000	Building	253.04
	101-253-853.000	Treasurer	140.11
WOW! BUSINESS			Invoice Amount: \$118.29
Internet Friendship Station			Check Date: 10/19/2016
	101-265-854.000	Internet Friendship Station	118.29
ASSOCIATED NEWSPAPERS OF MICHIGAN			Invoice Amount: \$75.00
Police Auction Ad Inv. 42755 8/25/16			Check Date: 10/19/2016
	101-305-727.000	Ad published on 8/29/16	75.00
ASSOCIATED NEWSPAPERS OF MICHIGAN			Invoice Amount: \$90.29
Legal Notices 10-6-2016			Check Date: 10/19/2016
	101-215-813.000	BOT Mtg. notice	20.35
	101-215-813.000	Ordinance Repeal notice	69.94
RESERVE ACCOUNT			Invoice Amount: \$3,000.00
Meter Postage			Check Date: 10/19/2016
	101-290-730.000	Meter Postage	3,000.00
MUNICIPAL WEB SERVICES			Invoice Amount: \$255.00
Website Hosting - Sept 2016			Check Date: 10/19/2016
	101-201-851.000	Website Hosting - Sept 2016	255.00
Total Amount to be Disbursed:			\$232,848.31

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

ALERUS FINANCIAL		Invoice Amount:	\$871.96
Define Contribution 09/30/2016		Check Date:	10/13/2016
	101-325-714.050	Define Contribution	460.60
	101-100-231.000	Employee Cont	411.36
A T & T		Invoice Amount:	\$1,046.75
ATT Bill- Oct. 2016		Check Date:	10/13/2016
	101-201-853.000	Information Services	56.65
	101-209-853.000	Assessing	35.31
	101-371-853.000	Building	62.81
	101-336-853.000	Fire	212.79
	101-305-853.000	Police	166.56
	101-171-853.000	Supervisor	75.60
	101-253-853.000	Treasurer	49.01
	101-215-853.000	Clerk	75.86
	101-400-853.000	Community Development	91.23
	101-325-853.000	Dispatch	80.68
	226-226-853.000	Solid Waste	8.01
	592-172-853.000	Water/Sewer	72.07
	592-291-805.000	Water/Sewer	26.70
	101-265-854.000	Twp Hall	9.58
	101-691-853.000	Park	23.89
A T & T		Invoice Amount:	\$31.10
FS#2 Meterline		Check Date:	10/13/2016
	101-336-921.000	Meterline, Oct 2016	31.10
ASSOCIATED NEWSPAPERS OF MICHIGAN		Invoice Amount:	\$190.66
Legal Notices - Sept. 29, 2016		Check Date:	10/13/2016
	101-801-813.000	Planning Commission Notice	78.48
	101-262-813.000	Close of Registration Notice	112.18
COMCAST		Invoice Amount:	\$114.90
High Speed Internet		Check Date:	10/13/2016
	101-290-941.000	High Speed Internet	114.90
FELLRATH, PATRICK		Invoice Amount:	\$204.08
Mileage Sept 2016		Check Date:	10/13/2016
	592-172-727.000	Mileage Sept 2016	204.08
The Mike Cox Law Firm		Invoice Amount:	\$420.00
Sept 2016 DEHOCO Legal Fees		Check Date:	10/13/2016
	101-801-826.000	Sept 2016 DEHOCO Legal Fees	420.00
The Mike Cox Law Firm		Invoice Amount:	\$40.00
Sept 2016 City of Plymouth Fire Retiree Issue		Check Date:	10/13/2016
	101-336-826.000	Sept 2016 City of Plymouth Fire Retiree	40.00
PLYMOUTH COMMUNITY UNITED WAY		Invoice Amount:	\$70.00
Employee Contribution April- Sept 2016		Check Date:	10/13/2016
	101-100-234.000	Pummill, Roberta	70.00
PLYMOUTH POSTMASTER		Invoice Amount:	\$215.00
Permit Fees		Check Date:	10/13/2016
	592-172-730.000	BRM Permit	215.00

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

PLYMOUTH POSTMASTER			Invoice Amount:	\$2,000.00
Postage			Check Date:	10/13/2016
	592-172-730.000	Permit #218 October 2016		2,000.00
UPS			Invoice Amount:	\$18.07
Mailings			Check Date:	10/13/2016
	101-171-727.000	Supervisor Mailing		5.77
	101-171-727.000	HR Mailing		6.48
	101-215-727.000	Clerk Mailing		5.82
WCA ASSESSING			Invoice Amount:	\$18,278.17
Appraisal Services Rendered October 2016			Check Date:	10/13/2016
	101-209-818.000	Appraisal Services Rendered		18,121.50
	101-209-818.000	Co-Star Services		156.67
Great Lakes Water Authority			Invoice Amount:	\$441,908.95
Aug 2016			Check Date:	10/13/2016
	592-441-743.000	Aug 2016		441,908.95
ZAUSMER, AUGUST & CALDWELL, P.C.			Invoice Amount:	\$9,785.08
Legal Fees			Check Date:	10/13/2016
	101-290-826.000	Legal Fees		9,785.08
ZAUSMER, AUGUST & CALDWELL, P.C.			Invoice Amount:	\$1,210.00
Legal fees			Check Date:	10/13/2016
	101-290-826.000	Legal fees		1,210.00
ZAUSMER, AUGUST & CALDWELL, P.C.			Invoice Amount:	\$4,110.00
Legal fees			Check Date:	10/13/2016
	101-290-826.000	Legal fees		4,110.00
Goretski Construction Company			Invoice Amount:	\$198,305.30
Estimate			Check Date:	10/13/2016
	805-805-970.300	Ply Commons Rd Rehab		198,305.30
Pumphrey, Zachary			Invoice Amount:	\$35.00
Reimbursement			Check Date:	10/13/2016
	592-291-863.000	Reimbursement - CDL License		35.00
Worth, Joshua			Invoice Amount:	\$18.27
Reimbursement			Check Date:	10/13/2016
	592-291-863.000	Reimbursement - CDL license		18.00
	592-291-863.000	Handling fee		0.27
ADP INC			Invoice Amount:	\$702.58
Payroll processing 09/25/2016			Check Date:	10/13/2016
	101-290-941.000	Payroll processing 09/25/2016		702.58
HOEKSTRA TRANSPORTATION, INC.			Invoice Amount:	\$1,441.89
Senior Bus Maintanance			Check Date:	10/13/2016
	588-588-863.000	Bus maintenance		1,419.50
	588-588-863.000	Shop Supplies		15.89
	588-588-863.000	Hazard Fee		6.50
JANKS, ROBERT			Invoice Amount:	\$288.36
Mileage Reimbursement			Check Date:	10/13/2016
	101-201-727.000	Mileage 2016 January		6.48

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101-201-727.000	Mileage - 2016 February	9.72
101-201-727.000	Mileage - 2016 March	9.72
101-201-727.000	Mileage - 2016 April	7.56
101-201-727.000	Mileage - 2016 September	254.88

LE CLAIR, DIANE

Mileage reimbursement - Passport Training

101-215-727.000 Mileage reimbursement

Invoice Amount: \$15.66
Check Date: 10/13/2016
 15.66

MERS

MERS Sept 2016-Police Match-ER portion

101-305-714.030	Antal	2,220.53
101-305-714.030	Bartram	1,458.92
101-305-714.030	Brothers	2,220.51
101-305-714.030	Cheston	1,875.48
101-305-714.030	Cioma	1,873.87
101-305-714.030	Coffell	1,678.27
101-305-714.030	Fetner	2,088.38
101-305-714.030	Fetter	1,507.63
101-305-714.030	Fritz	1,673.44
101-305-714.030	Haskin	1,447.64
101-305-714.030	Hayes	1,999.44
101-305-714.030	Hinkle	1,226.25
101-305-714.030	Hoffman	1,795.70
101-305-714.030	King	1,700.01
101-305-714.030	Krebs	1,895.44
101-305-714.030	Kudra	1,906.21
101-305-714.030	Linton	1,648.49
101-305-714.030	McParland	1,709.66
101-305-714.030	Ripp	1,947.93
101-305-714.030	Rozum	1,822.35
101-305-714.030	Rupard	1,648.49
101-305-714.030	Schemanske	1,504.77
101-305-714.030	Selpenko	1,988.78
101-305-714.030	Smitherman	1,654.12
101-305-714.030	Tidertington	1,796.60
101-305-714.030	Warring	1,236.76

Invoice Amount: \$45,525.67
Check Date: 10/13/2016

MERS

MERS Sept 2016 W/H Police

101-100-231.030	Antal, Robert	830.31
101-100-231.030	Bartram, Brad	545.54
101-100-231.030	Brothers, Jon	830.31
101-100-231.030	Cheston, Steven	701.30
101-100-231.030	Cioma, Bradley	700.70
101-100-231.030	Coffell	627.55
101-100-231.030	Fetner, William	780.92
101-100-231.030	Fetter, Jeffrey	563.75
101-100-231.030	Fritz, Michael	625.75
101-100-231.030	Haskin	541.31
101-100-231.030	Hayes, Jason	747.65
101-100-231.030	Hinkle, Michael	458.55
101-100-231.030	Hoffman, Marc	671.47
101-100-231.030	King, Caitlin	635.68
101-100-231.030	Krebs, Ryan	708.76
101-100-231.030	Kudra, Daniel	712.79
101-100-231.030	Linton, Marcy	616.41
101-100-231.030	McParland, Jeffrev	639.29

Invoice Amount: \$17,023.39
Check Date: 10/13/2016

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101-100-231.030	Ripp, Jason	728.39
101-100-231.030	Rozum, Charles	681.43
101-100-231.030	Rupard, Bryan	616.41
101-100-231.030	Schemanske, Jeremy	562.68
101-100-231.030	Seipenko, Todd	743.66
101-100-231.030	Smitherman, Joseph	618.52
101-100-231.030	Tiderington, Scott	671.80
101-100-231.030	Warring, Aaron	462.46

M E R S		Invoice Amount:	\$5,967.98
M E R S Sept 2016-Dispatch Match		Check Date:	10/13/2016
101-100-231.050	BEREZAK	664.24	
101-100-231.050	BULMER	675.15	
101-100-231.050	CLARK	650.64	
101-100-231.050	CROWE	668.20	
101-100-231.050	FELL	677.75	
101-100-231.050	INNES	661.48	
101-100-231.050	SMITH	653.60	
101-100-231.050	TURLEY	650.64	
101-100-231.050	YUDT	666.28	

M E R S		Invoice Amount:	\$5,069.01
MERS Sept1 2016 DISPATCH ER		Check Date:	10/13/2016
101-325-714.050	BEREZAK	564.18	
101-325-714.050	BULMER	573.45	
101-325-714.050	CLARK	552.63	
101-325-714.050	CROWE	567.55	
101-325-714.050	FELL	575.66	
101-325-714.050	INNES	561.84	
101-325-714.050	SMITH	555.15	
101-325-714.050	TURLEY	552.63	
101-325-714.050	YUDT	565.92	

M E R S		Invoice Amount:	\$15,139.63
MERS Sept 2016 FIRE Match		Check Date:	10/13/2016
101-100-231.020	ATKINS	1,273.98	
101-100-231.020	BUKIS	922.84	
101-100-231.020	CONELY	932.05	
101-100-231.020	CONROY	1,004.86	
101-100-231.020	FOX	1,198.21	
101-100-231.020	GROSS	1,102.06	
101-100-231.020	HARRELL	855.88	
101-100-231.020	MACK	920.50	
101-100-231.020	MALLARI	911.16	
101-100-231.020	MANGAN	956.38	
101-100-231.020	MANN	913.74	
101-100-231.020	PHILLIPS	1,173.00	
101-100-231.020	RANDALL	902.63	
101-100-231.020	TEFEND	1,029.26	
101-100-231.020	VILLET	1,043.08	

M E R S		Invoice Amount:	\$22,316.00
MERS Sept Fire Emp Portion 2016		Check Date:	10/13/2016
101-336-714.020	ATKINS	1,877.85	
101-336-714.020	BUKIS	1,360.28	
101-336-714.020	CONELY	1,373.86	
101-336-714.020	CONROY	1,481.17	
101-336-714.020	Fox	1,766.17	

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	101-336-714.020	GROSS	1,624.45
	101-336-714.020	HARRELL	1,261.58
	101-336-714.020	MACK	1,356.82
	101-336-714.020	MALLARI	1,343.06
	101-336-714.020	MANGAN	1,409.72
	101-336-714.020	MANN	1,346.87
	101-336-714.020	PHILLIPS	1,729.04
	101-336-714.020	RANDALL	1,330.49
	101-336-714.020	TEFEND	1,517.13
	101-336-714.020	Villett	1,537.51
JOHN HANCOCK LIFE INSURANCE CO.		Invoice Amount:	\$126.60
Monthly Premium Sept 2016		Check Date:	10/13/2016
	101-100-237.000	Monthly Premium- Antal, Robert July 2016	30.00
	101-100-237.000	Monthly Premium-Jowsey, Richard- July 16	96.60
OBSERVER & ECCENTRIC NEWSPAPERS		Invoice Amount:	\$173.76
Legal Notice - Planning Commission 10/2/16		Check Date:	10/13/2016
	101-801-813.000	Planning Commission Notice 10-2-16	173.76
PARJANA DISTRIBUTION LLC		Invoice Amount:	\$23,368.00
Lake Pointe Soccer Park West Field 50%		Check Date:	10/13/2016
	246-246-970.000	Lake Pointe Soccer Park West Field 50%	23,368.00
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$15,238.54
Plymouth Township - Water/Sewer Aug 2016		Check Date:	10/13/2016
	101-171-921.000	Supervisor	36.84
	101-201-921.000	Information Services	19.71
	101-209-921.000	Assessors	10.55
	101-215-921.000	Clerk	32.02
	101-253-921.000	Treasurer	13.37
	101-265-854.000	Senior Center	884.27
	101-305-921.000	Law Enforcement	105.81
	101-325-921.000	Communications	44.05
	101-336-921.000	Fire	5,382.80
	101-371-921.000	Building	23.19
	101-400-921.000	Community Development	12.99
	101-691-921.000	Park	6,989.75
	226-226-921.000	Solid Waste	3.05
	592-172-921.000	Admin / General Expense	808.00
	510-510-737.000	Golf Course	821.27
	592-444-745.000	Power and Pumping	50.87
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$12,134.62
July 2016 Credit Card		Check Date:	10/13/2016
	101-305-758.000	20 Mourning Band Straps-Police Funerals	21.47
	101-305-863.000	Vehicle Titles	30.45
	101-325-727.000	Printer Cartridges	27.55
	101-325-727.000	Printer Cartridges	45.57
	101-305-963.000	Coffee creamer/suger FOIA Training	5.58
	592-172-963.000	Metal cut off blades-meter installation	29.70
	592-172-727.000	Hose reel, DPW bldg	98.96
	592-172-727.000	Hose reel and supplies	181.06
	592-172-727.000	Mounting Hardware	3.72
	701-100-055.000	Volunteer Dinner supplies	180.73
	701-100-056.000	Supplies-Fireworks event	21.20
	701-100-056.000	Food-Fireworks event	1,245.76
	701-100-056.000	Supplies-Fireworks	177.90

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VENDOR INFORMATION

INVOICE INFORMATION

701-100-056.000	Supplies-food-Fireworks	253.51
701-100-056.000	Food-Fireworks	88.53
701-100-055.000	Food supplies-picnic	627.61
701-100-055.000	Food-Fireworks	257.66
701-100-056.000	Food-Fireworks	692.35
701-100-056.000	Food Fireworks	80.75
101-691-931.000	Freezers Park Shelters	746.00
701-100-055.000	Picnic Supplies	205.61
701-100-056.000	Supplies	5.43
701-100-056.000	Cole slaw-picnic	163.51
701-100-055.000	Volunteer dinner food	129.07
701-100-056.000	Fireworks event food	1,349.26
701-100-056.000	Shrimp-Fireworks party	222.00
701-100-056.000	Food fireworks event	154.55
101-336-836.000	Station 1 supplies-batteries	14.98
101-336-776.000	Ant traps Fire Dept area	14.98
101-265-858.000	Lunch room-kitchen supplies	82.01
101-265-776.000	Filters	36.66
101-336-776.000	Filters	45.38
101-336-776.000	Fire Station 1 cleaning	269.00
101-336-776.000	Fire Station 2 cleaning	310.00
101-265-858.000	Trash cans	31.44
101-265-776.000	Flag for Twp Hall	88.50
101-305-776.000	Carpet Cleaning Police	365.00
101-265-776.000	Lightbulbs, Twp Hall	61.92
101-371-863.000	Car battery	105.53
101-265-776.000	Toilet Auger	33.98
101-371-863.000	Oil change-Ordiance Officer car	57.74
101-265-776.000	Office cleaning supplies	23.30
101-265-858.000	Furnance Filters	21.44
101-305-776.000	Carpet cleaning-police-dup-to be refunded	365.00
101-215-727.000	White board for election room	28.83
701-100-056.000	Marking spray paint-fireworks	84.72
101-201-960.000	MIGMIS Conf Registration	100.00
101-201-960.000	MIGMIS Room Reservation	83.00
701-100-056.000	Ice for 4th of July	85.80
701-100-056.000	Cable-4th of July event	25.97
701-100-056.000	Cable and tie-snow fence	21.95
701-100-056.000	Vinyl Gloves Cleaning supplies	48.02
101-691-931.000	Metal Brush for foul poles	7.45
101-691-931.000	Tie downs	15.69
101-691-931.000	Wire brush	8.69
101-691-931.000	Paint thinner	16.91
101-691-931.000	Door weather strip	83.64
101-691-727.000	Gatorade for cut crew-excessive heat	14.32
101-691-931.000	Roundup-parks	39.98
701-100-055.000	Craft supplies-picnic	12.50
701-100-056.000	Firewards dinner supplies	245.33
701-100-055.000	Balloons, prizes	115.41
701-100-055.000	Craft Supplies-picnic	62.96
101-371-727.000	Flashlight battery and charger	42.89
101-265-776.000	Parking lot signs for twp while painting	17.34
101-336-851.000	Air line parts for extinguishers	36.79
101-336-776.000	Station 3 maintenance	42.95
101-336-776.000	Light bulbs, station 1	29.97
701-100-056.000	2 man auger-fireworks	71.92
101-691-931.000	Paint Supplies-Ball diamonds	37.69
101-691-931.000	Paint-123 diamonds	119.84

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101-336-776.000	Rope & Clips Flag pole Stat 3	35.57
101-336-873.000	Gas-travel Northern Chiefs Meeting	27.14
101-336-873.000	Gas-travel Northern Chiefs Meeting	23.34
101-171-727.000	Food for DPW crew during storm	46.66
101-336-960.000	License Renewal	25.00
101-336-960.000	Blue card renewal	90.00
101-265-885.000	water, safety vests,flashlights firework	147.55
101-305-960.000	Police training	32.95
101-101-885.000	Annual Chamber Dues	122.00
101-209-727.000	Training-Assessor	281.88
101-265-858.000	Carpet cleaning senior center	150.00
701-100-055.000	Guernsey Dairy-picnic	493.92
701-100-056.000	Elite Sweets-Fireworks supplles	240.70

Total Amount to be Disbursed:

\$843,404.98

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VENDOR INFORMATION			INVOICE INFORMATION	
35TH DISTRICT COURT			Invoice Amount:	\$300.00
POLICE BOND 9/22/16			Check Date:	10/04/2016
	<i>702-100-087.000</i>	<i>5627</i>		<i>300.00</i>
35TH DISTRICT COURT			Invoice Amount:	\$200.00
POLICE BOND 9/26/16			Check Date:	10/04/2016
	<i>702-100-087.000</i>	<i>5604</i>		<i>200.00</i>
35TH DISTRICT COURT			Invoice Amount:	\$500.00
POLICE BOND 9/28/16			Check Date:	10/04/2016
	<i>702-100-087.000</i>	<i>5605</i>		<i>500.00</i>
35TH DISTRICT COURT			Invoice Amount:	\$1,210.00
POLICE BOND 10/3/16			Check Date:	10/04/2016
	<i>702-100-087.000</i>	<i>5632</i>		<i>535.00</i>
	<i>702-100-087.000</i>	<i>5634</i>		<i>300.00</i>
	<i>702-100-087.000</i>	<i>5635</i>		<i>300.00</i>
	<i>702-100-087.000</i>	<i>5636</i>		<i>75.00</i>
35TH DISTRICT COURT			Invoice Amount:	\$100.00
POLICE BOND 10/4/16			Check Date:	10/04/2016
	<i>702-100-087.000</i>	<i>5637</i>		<i>100.00</i>
18TH DISTRICT COURT			Invoice Amount:	\$500.00
Police Bond 10/3/16			Check Date:	10/04/2016
	<i>702-100-087.000</i>	<i>5633</i>		<i>500.00</i>
			Total Amount to be Disbursed:	\$2,810.00