

CHARTER TOWNSHIP OF WATERFORD
5200 CIVIC CENTER DRIVE
WATERFORD, MICHIGAN 48329

August 24, 2020
6:00 PM
-AGENDA-

NOTICE OF REGULAR TOWNSHIP BOARD MEETING TO BE HELD ELECTRONICALLY
Please take notice that a regular meeting of the Waterford Township Board
will be held on August 24, 2020, at 6:00 p.m. by electronic remote access.

The meeting will be held electronically by remote access as authorized by and in
accordance with Michigan Governor Executive Order 2020-154, issued in response to the
COVID-19 state of emergency. The public may participate in the meeting through
GoToMeeting by computer, tablet or smart phone using the following link:
<https://global.gotomeeting.com/join/602570213> New to GoToMeeting? Get the app now
and be ready when your first meeting starts:
<https://global.gotomeeting.com/install/602570213>

You may also dial in using your phone: United States (Toll Free): 1-877-309-2073 or
United States: 1 517-317-3129
Access Code: 602-570-213

Members of the public will only be able to speak during the public comment portion of the
meeting and such comment will be limited to three minutes per person. To provide for
orderly public participation, a person wishing to speak must state their name and request
to be recognized by the Township Supervisor. The Supervisor will recognize all persons
wishing to speak during public comment. If, prior to the meeting, members of the public
have certain questions or wish to provide input on any business that will be addressed at
the meeting then such persons may contact the Township Board members through Kim
Markee, Township Clerk, by email to publiccomments@waterfordmi.gov, or by mail at 5200
Civic Center Drive, Waterford, Michigan 48329. A copy of the meeting material may be
found on the link on the Township's homepage at www.waterfordmi.gov.

The Township will provide necessary reasonable auxiliary aids and services to individuals
with disabilities at the meeting upon 72-hour advance notice by contacting Kim Markee,
Township Clerk, by email, phone, or mail at the below.

Kim Markee, Township Clerk
Charter Township of Waterford
5200 Civic Center Drive, Waterford, Michigan 48329
Phone (248) 674-6266 or Email: publiccomments@waterfordmi.gov

1. Approve Agenda

2. Announcements

2.I. Office Closing - September 7, 2020

Waterford Township offices will be closed on Monday, September 7, 2020, in
observance of Labor Day. All Emergency services will be available.

2.II. Return To Regular Operating Hours

Beginning Tuesday, September 8, 2020, general administrative office hours return to
regular operating hours of 8:00 p.m. to 5:00 p.m. Monday through Friday. All operating
hours can be found on the Township website on each department's page at
www.waterfordmi.gov

2.III. Longest Breakfast Table Event Cancelled

Life Point Church, Waterford Police, and the Waterford Regional Fire Department regret to announce the 16th Annual Longest Breakfast Table has been CANCELLED due to the COVID-19 Pandemic. We'll see everyone in 2021. Please watch for other opportunities to support the Police and Fire Benevolent Funds.

2.IV. Rental Payment Assistance Available

Waterford Township residents impacted by COVID-19 may be eligible for rental payment assistance. This program provides rental payment assistance to Waterford Township residents who have lost their job, been furloughed, or had their hours reduced because of the economic impact of COVID-19. Assistance can be provided one-time or short-term for up to three consecutive months. Assistance will be provided to qualified rental households on a first come, first serve basis until the allocated funds are exhausted or the assistance program is no longer found to be necessary. Visit the Waterford Township www.waterfordmi.gov for more information and to fill out an application if you qualify.

2.V. Census 2020

It's not too late to respond to the 2020 Census. The census provides critical data that lawmakers, business owners, teachers, and many others use to provide services, products, planning, and support for you and our community. Every year, \$675 billion in federal funding goes to hospitals, fire departments, schools, roads, and other resources based on census data. It is estimated that each Census response impacts local funding by approximately \$18,000 over the course of 10 years. Take 10 minutes today to complete the Census online at www.2020census.gov or by phone 800-923-8282. Your action today helps shape Waterford's future for the next 10 years. Visit Waterford Township's Census information page at www.waterfordmi.gov/census for details, resources, videos and more! And remember our Waterford 2020 Census Slogan – I count, You count, We count, Everyone counts. Get counted, It counts!

3. Awards & Presentations

3.I. Congresswoman Haley Stevens

4. Consent Agenda

Board Members may remove items from the Consent Agenda for discussion purposes or for the purpose of voting in opposition. Public comment for items removed from the consent agenda may be received in the same manner immediately following the Consent Agenda.

4.I. August 10, 2020, Meeting Minutes

Documents:

[M08-10-20.PDF](#)

4.II. August 24, 2020, Bill Payment

Documents:

[BILL PAYMENT AUG 24.PDF](#)

4.III. Receive The Library' June And July 2020 Reports

Documents:

[LIBRARY REPORT - JUNE JULY 2020.PDF](#)

4.IV. Receive The Treasurer's Office July 2020 Report

Documents:

[TREASURER JULY 2020.PDF](#)

5. Board Liaison Reports (Verbal)

6. Open Business

6.I. Waterford Township Master Plan Update Amendment

Documents:

[COMPLETE CLEAN MASTER PLAN UPDATE GLD 7-27-20 \(003\).DOCX.PDF](#)

7. New Business

7.I. Waterford Professional Firefighter Association, Local 1335 One-Year Extension

Documents:

[FIRE - ONE YEAR EXTENSION.PDF](#)

7.II. Corrective Action Plan Resolution

Documents:

[CORRECTIVE ACTION RESOLUTION.PDF](#)

7.III. 20 Additional Sewer Supervisory Control And Data Acquisition SCADA System Updates

Documents:

[SEWER SCADA UPGRADES AGENDA ITEM REQUEST REVISED
20200818.PDF](#)

7.IV. Purchase Of Storage Area Network Equipment

Documents:

[2020_SAN_PURCHASE.PDF](#)

7.V. Resolution To Recognize September 2020 As National Recovery Month

Documents:

[RESOLUTION NATIONAL RECOVERY MONTH SEPTEMBER 2020.PDF](#)

7.VI. Resolution To Recognize September 2020 As National Suicide Prevention Month

Documents:

[RESOLUTION NATIONAL SUICIDE PREVENTION MONTH SEPTEMBER
2020.PDF](#)

7.VII. Public Comments Limited To Three (3) Minutes Per Speaker

In conformance with the Americans with Disabilities Act, large-print agendas and minutes are available upon request. Barrier-free parking and access are also available at town hall. For the hearing impaired, there are four available headsets on a first come basis. Minutes are available upon request at the clerk's department, and on the Township's web site.

BOARD MEMBERS PRESENT:

Gary Wall, Supervisor
Kim Markee, Clerk
Margaret Birch, Treasurer
Anthony Bartolotta, Trustee
Art Frasca, Trustee
Karen Joliat, Trustee
Steven Thomas, Trustee

OTHERS PRESENT via GoToMeeting 653-732-565

Gary Allison	Caller 01	Caller 04
Josh Bowren	Gary Dovre	Wendi Rayer
Jeff Polkowski	Paula Moore	Richard Studaker
Mark Monohon	Caller 02	
Derek Diederich	Caller 03	

Supervisor Gary Wall called the meeting to order at 6:00 p.m. and asked for a moment of silence for the brave men and women who have served our Country and then lead the Pledge of Allegiance.

Roll call vote was taken. All Board members were present except Trustee Joliat.

1. **APPROVE AGENDA**

1.1 August 10, 2020

Moved by Bartolotta,
Seconded by Markee; RESOLVED, to approve the August 10, 2020 agenda, as printed. A roll call vote was taken.

Ayes: Wall, Markee, Birch, Bartolotta, Frasca, Joliat and Thomas

Nays: None

Absent: None

Motion carried unanimously.

2. **ANNOUNCEMENT**

- 2.1 Stop by Hess-Hathaway Park, 825 S. Williams Lake Road, and join Parks and Recreation for lunch on Tuesday, August 25, 2020, from 11:00 a.m. - 1:00 p.m. The cost is \$6.00 per plate for hot dogs, chips, ice cream, water or ice tea. For more information on this event please visit us at waterfordmi.gov/parks or check out our facebook page @WaterfordParks&Recreation.
- 2.2 Super Saturday Soccer will be held Saturdays, September 12th through October 17th from 9:30 a.m. - 10:30 a.m. at the Civic Center Soccer - White Field. Boys and girls ages 4-6 will learn skills, basic drills, and play small-sized zone games. This is a parent/child interactive program. Children must be 4 years old by September 12, 2020. For more information please visit waterfordmi.gov/parks.
- 2.3 Have you responded to the 2020 Census yet? By this time, all Waterford residents should have received multiple communications from the U.S. Census Bureau inviting you to complete the Census questionnaire online, by phone, or mail. If you haven't responded yet, please visit the official Census website at www.2020census.gov or call 800-923-8282 to respond by phone. There are only 9 questions and

responding takes less than 10 minutes for most. Did you know the census provides critical data that lawmakers, business owners, teachers, and many others use to provide daily services, products, planning, and support for you and our community? Every year, \$675 billion in federal funding go to hospitals, fire departments, schools, roads, and other resources based on census data. Waterford's goal for 2020 Census response is at least 90%. Your action today helps shape Waterford's future for the next 10 years. Visit Waterford Township's Census information page at www.waterfordmi.gov/census for details, resources, videos and more! And remember our Waterford 2020 Census Slogan – I count, You count, We count, Everyone counts. Get counted, It counts!

3. **Consent Agenda**

Board Members may remove items from the Consent Agenda for discussion purposes or for the purpose of voting in opposition. Public comment for items removed from the consent agenda may be received in the same manner immediately following the Consent Agenda.

- 3.1 July 27, 2020, Meeting Minutes
- 3.2 August 10, 2020, Bill Payments
- 3.3 Receive the Clerk's Office June 2020 Report
- 3.4 Receive the Treasurer's Office June 2020 Report
- 3.5 Banner Permit – Waterford Senior Center
- 3.6 Walk Permit – Waterford Senior Center

Moved by Joliat,

Seconded by Frasca; RESOLVED, to approve Consent Agenda items 3.1 and 3.6. A roll call vote was taken.

Ayes: Wall, Markee, Birch, Bartolotta, Frasca, Joliat and Thomas

Nays: None

Absent: None

Motion carried unanimously.

4. **Board Liaison Reports (Verbal)**

Supervisor Wall

COVID-19 Update: 48327 – 144 confirmed cases, 48328 – 206 confirmed cases, 48329 – 173 confirmed cases. That is an increase of 73 cases / 16.2%. The deaths are holding at 29.

Clerk Markee

Parks and Recreation cancelled the last move. The next moving is scheduled for August 22nd and the cost is \$20.00 per car

5. New Business

5.1 Police & Fire – Public Hearing for Special Assessment District (SAD) 2020 Budget Year

The following memo was received from.

The Supervisor’s Office respectfully requests that you schedule the required Public Hearing for the September 14, 2020, Board meeting on the estimated 2021 Police and Fire Department costs and expenses and proposed distribution of the recommended special assessment levy outlined in this Memo.

A.) The Supervisor recommends that the Board levy 2.90 Mills of the voter authorized 2.95 Mills for the Police and Fire Assessment (SAD) for Budget Year 2021. Based on Assessing records of taxable values, the estimated amounts generated from this levy would be as follows:
 2.475 Mills for (Personnel and Operations) based upon real property would generate: \$5,543,517
.425 Mills for (Capital Equipment) based upon real property would generate: \$ 951,917
 2.90 – Total to be levied on real property not exempt from taxes and included December 2020 Tax bills to fund operational year 2021. \$6,495,434

B.) The estimated costs and expenses for the Police and Fire Departments for Budget Year 2021 are as follows:

Fire Department – Estimate of Expenditures Budget Year 2021:

Personnel:	\$17,479,394
Operations & Maintenance:	\$ 2,017,178
Capital Equipment:	<u>\$ 1,425,030</u>
Total:	\$20,921,602

Police Department – Estimate of Expenditures Budget Year 2021:

Personnel:	\$13,700,079
Operations & Maintenance:	\$ 1,324,269
Capital Equipment:	<u>\$ 407,350</u>
Total:	\$15,431,698

C.)The recommended distribution for the 2021 Police and Fire Special Assessment District is as follows:

Fire Department (Personnel & Operations & Maintenance) Distribution:	\$3,190,336
Fire Department (Capital Equipment) Distribution:	\$ 726,917
Police Department (Personnel & Operations & Maintenance) Distribution:	\$2,353,181
Police Department (Capital Equipment) Distribution:	<u>\$ 225,000</u>
Total 2021 Police and Fire SAD Distribution:	\$6,495,434

Thank you for your time and attention to this matter. Should you have any questions please do not hesitate to contact my office.

Moved by Markee,

Seconded by Frasca, RESOLVED, to schedule the required Public Hearing for the September 14, 2020, Board meeting on the estimated 2021 Police and Fire Department costs and expenses and proposed distribution of the recommended special assessment levy outlined in the August 1, 2020, memo. A roll call vote was taken.

Ayes: Wall, Markee, Birch, Bartolotta, Frasca, Joliat and Thomas

Nays: None

Absent: None

Motion carried unanimously.

5.2 Waterford Township Master Plan Update Amendment

The following memo was received from Jeffrey Polkowski, Superintendent. of Planning and Zoning.

Attached for your review and consideration, please find a proposed 2020 Master Plan Update Amendment.

The Township's current Master Plan was adopted by the Planning Commission on January 2, 2003, when the Township Planning Act was in effect. That Plan was developed over the course of three (3) years (2000 – 2002) with significant citizen involvement, research, analysis, and subcommittee work on nine (9) areas which were transportation and commercial corridors; environment; recreation and open space; historic district and neighborhood nodes; capital improvements and municipal services; economic development; education and public services; housing and demographics; and zoning ordinance and landscape aesthetics. The result was a Master Plan to guide Waterford's future land use and development patterns during the next 20 years, titled "*Waterford Township Master Plan 2003 – 2023.*"

The Township Planning Act was replaced by the Michigan Planning Enabling Act (Public Act 33 of 2008) that took effect September 1, 2008. Under that Act, a more detailed process was provided for master plan adoptions, extensions, additions, revisions, and amendments. That Act also added a new requirement that planning commissions periodically review their master plan to determine if the procedure for amending it or adopting a new plan should be commenced.

Although the Master Plan had been adopted before the new Planning Enabling Act and runs through 2023, the Planning Commission reviewed and decided to go through the process to update it. In doing that, the Commission focused on Chapter 9, Implementation, which addresses the Master Plan Goals and their associated objectives and strategies for implementation. The Commission determined that some of those objectives had been realized and others were in need of refinement based upon the changes in the community since 2003.

For this Master Plan Update, there were no new background studies and no subcommittees were appointed. The Commission's review did confirm that some Appendices listed in the Master Plan should be deleted because they identify items that have not been completed or that are no longer necessary or appropriate for inclusion. Finally, for this Master Plan Update, the Commission did not review the current master plans incorporated by reference in the Master Plan as the following Appendices:

- R. Waterford Recreation Plan
- T. Wellhead Protection Plan [now Article V of Chapter 8 of Township Ordinance Code]
- U. Oakland County International Airport Master Plan
- V. Waterford School District Master Plan
- W. Oakland County Service Center Complex Master Plan

The format of this Master Plan Update does not involve editing or amending language in the 2003 - 2023 Master Plan. Rather, it is to supplement that existing language as appropriate to reflect changed conditions or information by reference to the Chapters and Appendices of the Master Plan.

Planning Commission

At the regularly scheduled Planning Commission meeting on July 28, 2020 a motion was made by Commissioner Ray, supported by Commissioner Murphy, to:

Waterford Township Master Plan Update Amendment Continued.

1. Submit the proposed Update Amendment to the Master Plan as presented at this meeting to the Township Board for review, comment, and to approval of distribution for review and comment by the entities specified in the Michigan Planning Enabling Act.
2. Request that the Township Board approve the distribution at one of its August 2020 regular meetings.
3. Schedule a public hearing on the Update Amendment for the Commission's regular meeting on November 24, 2020 and include notice of that hearing to the neighboring municipalities when they are provided with the Update Amendment for review and comment.

Upon roll call the following vote was taken: Ayes: (6) (Commissioners Bartolotta, Kramer, Murphy, Ray, and Sintkowski). Absent: (1) (Commissioner Reno). The motion was adopted.

Board of Trustees

Township staff recommends a motion in response to the Planning Commission's request of July 27, 2020, to approve the Planning Commission Secretary distributing the proposed Master Plan 2003 – 2023 Update Amendment for review and comment by the entities specified in MCL 125.3841(2) of the Michigan Planning Enabling Act.

Upon your review, if you have any questions or require further information, please contact this office.

Township Attorney addressed the Board of Trustees.

Moved by Frasca,

Seconded by Bartolotta, RESOLVED, to postpone the Master Plan Update Amendment to the August 24, 2020, Board of Trustees Meeting. A roll call vote was taken.

Ayes: Wall, Markee, Birch, Bartolotta, Frasca, Joliat and Thomas

Nays: None

Absent: None

Motion carried unanimously.

5.3 Lot Split Appeal for 2845, 2841, and 2831 Barkman

The following memo was received by Scott Alef, Planner II.

Due to the following comments, this office cannot administratively support the split request as presented.

This request involves three parcels within the R-1C zoning district. The applicant's intent, per the survey provided with the application and prepared by Dekeyser Surveying is to adjust the boundary lines between parcels A (13-12-107-003), B (-004), and C (-016) and create an additional parcel that is split off from parcel C (parcel D).

Lot Split Appeal for 2845, 2841, and 2831 Barkman Continued.

Parcel A, B, & C.

These parcels meet the basic requirements for lots in this district as well as the depth to width ratio outlined in the Code of Ordinances. An administrative approval may be granted for these parcels.

Parcel D (Part of 13-12-107-016)

Based on the survey, the resultant parcel D fails to meet the maximum depth to width ratio per Township Ordinance.

Sec. 15-082(c)(3) The depth to width ratio of any parcel created by the proposed division(s) shall not exceed three (3) to one (1).

Specifically, resultant parcel D's average depth (221.14 ft), compared to it's average width (62.05 ft.) has a depth to width ratio of 3.56 : 1. This would require an average width of 73.71 ft for an administrative approval. For this reason this office cannot approve this split.

That said, an administrative denial of a land division request can be appealed to the Township Board. Per **Section 15-006** of the ordinance, the Township Board shall have the power to fully or conditionally vary or modify one or more regulations in this Chapter upon finding practical difficulties or unnecessary hardships in the way of carrying out the strict letter of this Chapter, such as topographical and other physical characteristics of a parcel or other difficulties which are not self-created or financial in nature, and:

- (a) The granting of the specified variance will not be detrimental to the public welfare or injurious to other property in the area in which such property is situated.
- (b) Such variance will not violate the provisions of the Act.
- (c) Such variance will not have the effect of nullifying the interest and purpose of this Chapter, the Master Plan, or the Zoning Ordinance.

If the Township Board agrees that there is merit in this application, it is recommended that the applicant's request for a variance per Section 15-006 be granted.

If the Board does not agree with this option, the administrative denial of the split would be upheld and the applicant's only remaining option would be to seek relief through Circuit Court action.

Trustee Bartolotta asked clarification for the reason for requesting the split/division from Mr. Polkowski, Superintendent of Planning and Zoning.

Moved by Joliat,

Seconded by Frasca, to approve the applicants request for a variance per section 15-006. A roll call vote was taken.

Ayes: Wall, Markee, Birch, Bartolotta, Frasca, and Thomas

Nays: None

Absent: Joliat

Motion carried unanimously.

5.4 **Nuisance Geese Resolution**

Trustee Joliat read the following Resolution.

**CHARTER TOWNSHIP OF WATERFORD
RESOLUTION
NUISANCE GEESE**

WHEREAS, there is an increasing need for different techniques to resolve goose problems, and

WHEREAS, nest destruction and egg removal are effective tools to control site-specific nuisance geese, and

WHEREAS, it is sometimes necessary to gather and remove geese to control populations, as well as re-location or possible euthanization, and

WHEREAS, the Michigan Department of Natural Resources has set forth guidelines for obtaining permits that allow removal and destruction of goose eggs and for goose round-ups to control goose populations, and

WHEREAS, lake associations, private residents and business owners, subdivisions and property owners may submit appropriate paperwork to the DNR Wildlife Division and are responsible for adhering to the requirements under that permit,

NOW, THEREFORE, BE IT RESOLVED, that Waterford Township approves Egg Destruction and Round Up Permits for nuisance geese for five years (2021-2025), including but not limited to, Angelus, Cass, Clam, Eagle, Elizabeth, Geneva, Huntoon, Loon, Lotus, Maceday, Morgan, Oakland, Otter, Pleasant, Pontiac, Schoolhouse, Scott, Silver, Sylvan, Van Norman on the Lakes, Watkins, Williams, and Woodhull Lakes. Further, that the applicant must apply annually through the DNR Goose Program.

Yeas:
Nays:
Absent:

I certify that the above Resolution was adopted by the Honorable Charter Township of Waterford Board of Trustees on August 10, 2020.

Kim Markee, Township Clerk

Moved by Frasca,
Seconded by Joliat; RESOLVED, to adopt the Nuisance Geese Resolution as read. A roll call vote was taken.

Ayes: Wall, Markee, Birch, Bartolotta, Frasca, Joliat, and Thomas
Nays: None
Absent: None

Motion carried unanimously.

6.12 Public Comments Limited to Three (3) Minutes per Speaker

No one addressed the Board of Trustees.

ADJOURNMENT

Moved by Bartolotta,
Seconded by Frasca; RESOLVED, to adjourn the meeting at 6:33 p.m. A roll call vote was taken.

Ayes: Wall, Markee, Birch, Bartolotta, Frasca, Joliat and Thomas
Nays: None
Absent: None

Motion carried unanimously.

Kim Markee, Clerk

Gary Wall, Supervisor

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK # CHECK DATE TYPE VENDOR NAME UNCLEARED CLEARED BATCH CLEAR DATE

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED
290456	08/06/2020	PRINTED	011016 GREAT LAKES ACE HARDWARE	36.05
290457	08/06/2020	PRINTED	011730 ARROW PRINTING	75.95
290458	08/06/2020	PRINTED	013181 ADLERS TOWING	250.00
290459	08/06/2020	PRINTED	013665 APOLLO FIRE EQUIPMENT CO	683.86
290460	08/06/2020	PRINTED	013666 APOLLO FIRE APPARATUS	4,738.11
290461	08/06/2020	PRINTED	013685 APPLIED IMAGING	156.39
290462	08/06/2020	PRINTED	013764 SANDRA ASPINALL	512.68
290463	08/06/2020	PRINTED	021079 BAKER & TAYLOR BOOKS	1,440.39
290464	08/06/2020	PRINTED	021380 BILLS PLBG & SEWER SERV I	488.94
290465	08/06/2020	PRINTED	021770 BSN SPORTS INC	100.00
290466	08/06/2020	PRINTED	023068 K & Q LAW, PC	550.00
290467	08/06/2020	PRINTED	023129 THE BALT SHOP, LLC	50.00
290468	08/06/2020	PRINTED	023587 HILLARIE F BOETTGER PLLC	655.00
290469	08/06/2020	PRINTED	023600 JOHN BOWMAN CHEVROLET INC	1,480.72
290470	08/06/2020	PRINTED	023883 BUSINESS INFORMATION SYST	5,061.25
290471	08/06/2020	PRINTED	030021 ZOSIM SERBAN	400.00
290472	08/06/2020	PRINTED	032792 CREATIVE HABITAT BUILDERS	100.00
290473	08/06/2020	PRINTED	035036 ACCURATE SITEWORK EXCAVAT	100.00
290474	08/06/2020	PRINTED	038645 KURT MASON	100.00
290475	08/06/2020	PRINTED	039322 CHAD CLARK	400.00
290476	08/06/2020	PRINTED	039926 BRENT GIBSON	100.00
290477	08/06/2020	PRINTED	040153 CHAD CLARK	313.11
290478	08/06/2020	PRINTED	041192 CDW GOVERNMENT INC	319.09
290479	08/06/2020	PRINTED	041460 CLYDES FRAME & WHEEL SERV	1,105.92
290480	08/06/2020	PRINTED	041495 CMP DISTRIBUTORS INC	67.80
290481	08/06/2020	PRINTED	043375 CITY GLASS COMPANY INC.	300.00
290482	08/06/2020	PRINTED	043381 CITY OF PONTIAC	3,175.33
290483	08/06/2020	PRINTED	043582 COMPREHENSIVE RISK SERV I	2,870.00
290484	08/06/2020	PRINTED	043604 CONTRACTORS CONNECTION	277.20
290485	08/06/2020	PRINTED	043626 CONSUMERS ENERGY	2,335.22
290486	08/06/2020	PRINTED	043836 CUMMINS BRIDGEWAY LLC	22,980.00
290487	08/06/2020	PRINTED	043904 COMERICA COMMERCIAL CARD	4,269.69
290488	08/06/2020	PRINTED	043952 CYNERGY PRODUCTS	127.50
290489	08/06/2020	PRINTED	044220 CHASE CARD SERVICES	1,412.77
290490	08/06/2020	PRINTED	053253 DTE ENERGY	1,755.53
290491	08/06/2020	PRINTED	053389 LUNGHAMER GMC INC	698.70
290492	08/06/2020	PRINTED	053580 DOORS OF PONTIAC	800.00
290493	08/06/2020	PRINTED	053612 DOVER & COMPANY, LLC	855.00
290494	08/06/2020	PRINTED	053756 DRUG SCREENS PLUS	132.00
290495	08/06/2020	PRINTED	053867 DUBOIS CHEMICALS INC	14,045.00
290496	08/06/2020	PRINTED	053963 INACOMP	3,811.50
290497	08/06/2020	PRINTED	063004 EAGLE GRAPHICS AND DESIGN	1,225.00
290498	08/06/2020	PRINTED	063476 ELECTROCOMM-MICHIGAN, INC	130.00
290499	08/06/2020	PRINTED	073519 VICKIE MORGAN	106.94
290500	08/06/2020	PRINTED	073567 STEVE MCCREADY	57.00
290501	08/06/2020	PRINTED	073594 CARRIE MOBEY	58.96
290502	08/06/2020	PRINTED	073639 SAMUEL POWELL	150.00
290503	08/06/2020	PRINTED	073703 SCOTT RITTER	312.50
290504	08/06/2020	PRINTED	073902 BEVERLY WOLF	100.00
290505	08/06/2020	PRINTED	083580 FORSTER BROTHERS	76.00
290506	08/06/2020	PRINTED	091835 GUNNERS METERS & PARTS IN	2,605.00
290507	08/06/2020	PRINTED	093026 RICHARD GALAT	445.00

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK # CHECK DATE TYPE VENDOR NAME UNCLEARED CLEARED BATCH CLEAR DATE

290508	08/06/2020	PRINTED	093451 GLOBAL OFFICE SOLUTIONS	1,230.97			
290509	08/06/2020	PRINTED	093594 GOOSE BUSTERS	455.00			
290510	08/06/2020	PRINTED	093705 GRAINGER	1,351.47			
290511	08/06/2020	PRINTED	093862 GRANITE INLINER, LLC	33,500.00			
290512	08/06/2020	PRINTED	101950 HYDRO CORP	7,132.00			
290513	08/06/2020	PRINTED	103005 HACH CO	1,748.29			
290514	08/06/2020	PRINTED	103015 HAGOPIAN CLEANING SERVICE	1,914.00			
290515	08/06/2020	PRINTED	103018 DERWOOD HAINES JR	375.00			
290516	08/06/2020	PRINTED	103143 HALLAHAN & ASSOCIATES, PC	4,594.92			
290517	08/06/2020	PRINTED	103238 HELPNET EAP	2,682.27			
290518	08/06/2020	PRINTED	103582 HOFFMAN ELECTRIC INC	90.00			
290519	08/06/2020	PRINTED	103641 HOME CONFINEMENT	262.00			
290520	08/06/2020	PRINTED	113491 IMPRESSIVE PRINTING & PRO	608.17			
290521	08/06/2020	PRINTED	113542 INGRAM LIBRARY SERVICES	251.62			
290522	08/06/2020	PRINTED	113551 NICHOLS PAPER & SUPPLY CO	176.09			
290523	08/06/2020	PRINTED	113604 INDUCTIVE AUTOMATION, LLC	4,024.00			
290524	08/06/2020	PRINTED	121003 POWER PLAN	174.49			
290525	08/06/2020	PRINTED	121011 J&B MEDICAL SUPPLY	616.00			
290526	08/06/2020	PRINTED	121135 JC WATER TREATMENT INC	340.00			
290527	08/06/2020	PRINTED	141006 KSM SOLUTIONS, LLC	612.00			
290528	08/06/2020	PRINTED	143844 KULLY SUPPLY INC	870.61			
290529	08/06/2020	PRINTED	161140 MCNABS HARDWARE	58.82			
290530	08/06/2020	PRINTED	161790 MTA	6,974.17			
290531	08/06/2020	PRINTED	163282 MEDMUTUAL LIFE	4,852.31			
290532	08/06/2020	PRINTED	163447 STATE OF MICHIGAN	6,021.74			
290533	08/06/2020	PRINTED	163485 PAULETTE MICHEL LOFTIN	320.00			
290534	08/06/2020	PRINTED	163508 FERGUSON WATERWORKS #3386	10,540.55			
290535	08/06/2020	PRINTED	163608 STAN MOORE	60.00			
290536	08/06/2020	PRINTED	174199 MICHIGAN STATE POLICE	47.00			
290537	08/06/2020	PRINTED	174456 STATE OF MICHIGAN	50.00			
290538	08/06/2020	PRINTED	174486 MECH INSPECTORS ASSOC OF	75.00			
290539	08/06/2020	PRINTED	183269 SPRINT SOLUTIONS	9.30			
290540	08/06/2020	PRINTED	183286 QUADIENT FINANCE USA, INC	1,003.00			
290541	08/06/2020	PRINTED	183578 NORTH ELECTRIC SUPPLY CO	152.02			
290542	08/06/2020	PRINTED	183952 NYE UNIFORM COMPANY	1,425.07			
290543	08/06/2020	PRINTED	193074 MEDIA NEWS-21CM ADVERTISI	1,249.99			
290544	08/06/2020	PRINTED	193273 OFFICE DEPOT	62.40			
290545	08/06/2020	PRINTED	193464 MICHAEL OLIVER	60.00			
290546	08/06/2020	PRINTED	193713 ORKIN, LLC	45.00			
290547	08/06/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	692.17			
290548	08/06/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	874.32			
290549	08/06/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	3,447.68			
290550	08/06/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	17,927.50			
290551	08/06/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	2,000,000.00			
290552	08/06/2020	PRINTED	204533 OAKLAND COUNTY MEDICAL CO	75.00			
290553	08/06/2020	PRINTED	204860 ROAD COMMISSION FOR	124.57			
290554	08/06/2020	PRINTED	213566 COFFEE BREAK INC	65.00			
290555	08/06/2020	PRINTED	220070 REBECCA LAMB	15.00			
290556	08/06/2020	PRINTED	220073 LISA MACE	250.00			
290557	08/06/2020	PRINTED	220076 MARSHA WILLIAMS	500.00			
290558	08/06/2020	PRINTED	226228 EVANGELINE CHASE	260.00			
290559	08/06/2020	PRINTED	226230 MARY LOU POWERS	260.00			

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK # CHECK DATE TYPE VENDOR NAME UNCLEARED CLEARED BATCH CLEAR DATE

290560	08/06/2020	PRINTED	226981 SHARON THOMAS	485.00			
290561	08/06/2020	PRINTED	227437 BONNIE LAVERGNE	180.00			
290562	08/06/2020	PRINTED	227439 VICKI SHELTON	180.00			
290563	08/06/2020	PRINTED	227474 RON GRAY	84.00			
290564	08/06/2020	PRINTED	227508 WELLSRING BIBLE CHURCH	800.00			
290565	08/06/2020	PRINTED	227518 DON SWANSON	520.00			
290566	08/06/2020	PRINTED	227601 NORTH OAKS CORVETTE CLUB	60.00			
290567	08/06/2020	PRINTED	241008 RKA PETROLEUM COMPANIES,	6,503.13			
290568	08/06/2020	PRINTED	243028 RADIOTRONICS, INC.	144.50			
290569	08/06/2020	PRINTED	243206 RECORDED BOOKS LLC	438.65			
290570	08/06/2020	PRINTED	243664 ROSE PEST SOLUTIONS	48.00			
290571	08/06/2020	PRINTED	251035 SAMS CLUB DIRECT	57.92			
290572	08/06/2020	PRINTED	251238 SERVICE HEATING & PLUMBING	540.50			
290573	08/06/2020	PRINTED	251790 STATE WIRE & TERMINAL INC	196.91			
290574	08/06/2020	PRINTED	253071 SAL DEVELOPMENT	165.00			
290575	08/06/2020	PRINTED	253293 HOWARD L SHIFMAN, P.C.	10,000.00			
290576	08/06/2020	PRINTED	261121 PAMELA TAYLOR	900.00			
290577	08/06/2020	PRINTED	263255 TESTAMERICA LABORATORIES	525.80			
290578	08/06/2020	PRINTED	271016 US BANK EQUIPMENT FINANCE	125.82			
290579	08/06/2020	PRINTED	273533 UNIFIRST CORP	1,286.98			
290580	08/06/2020	PRINTED	274551 UNIVERSAL LIFT PARTS, INC	1,763.34			
290581	08/06/2020	PRINTED	283215 VENDTEK WHOLESALE EQUIPTM	255.00			
290582	08/06/2020	PRINTED	283247 VESCO OIL CORP	197.75			
290583	08/06/2020	PRINTED	291365 PRAXAIR DISTRIBUTION INC	153.86			
290584	08/06/2020	PRINTED	293079 WATER LANDSCAPES LLC	150.00			
290585	08/06/2020	PRINTED	293348 WHITLOCK BUSINESS SYSTEMS	5,172.86			
290586	08/06/2020	PRINTED	293431 KAYLYN WINGO	25.00			
290587	08/06/2020	PRINTED	293605 WORLDWIDE INTERPRETERS IN	538.00			
290588	08/06/2020	PRINTED	304678 MARGARET BIRCH TREASURER	1,005.88			
290589	08/06/2020	PRINTED	500281 OREILLY AUTO (WATERFORD)	408.03			
290590	08/06/2020	PRINTED	500483 CSG FORTE PAYMENTS	630.00			

135 CHECKS CASH ACCOUNT TOTAL 2,238,445.54 .00

Checks Already Mailed, July 28 - Aug 5.

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FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
290359	07/28/2020	PRINTED	011121 A-C TIRE & SERV CTR	119.95			
290360	07/28/2020	PRINTED	011730 ARROW PRINTING	256.90			
290361	07/28/2020	PRINTED	011790 AT&T	548.89			
290362	07/28/2020	PRINTED	011790 AT&T	1,415.40			
290363	07/28/2020	PRINTED	013665 APOLLO FIRE EQUIPMENT CO	276.12			
290364	07/28/2020	PRINTED	013682 AQUATIC TECHNOLOGIES INC	3,262.50			
290365	07/28/2020	PRINTED	013685 APPLIED IMAGING	1,586.32			
290366	07/28/2020	PRINTED	013884 AVESTA MANAGEMENT	450.00			
290367	07/28/2020	PRINTED	014472 ALPHA DIRECTIONAL BORING	1,000.00			
290368	07/28/2020	PRINTED	021079 BAKER & TAYLOR BOOKS	296.22			
290369	07/28/2020	PRINTED	021510 BLUE CROSS BLUE SHIELD	189,818.20			
290370	07/28/2020	PRINTED	023068 K & Q LAW, PC	125.00			
290371	07/28/2020	PRINTED	023587 HILLARIE F BOETTGER PLLC	400.00			
290372	07/28/2020	PRINTED	023602 BOUND TREE MEDICAL LLC	371.70			
290373	07/28/2020	PRINTED	023872 BUSSARD APPL PARTS INC	33.07			
290374	07/28/2020	PRINTED	023883 BUSINESS INFORMATION SYST	2,400.00			
290375	07/28/2020	PRINTED	031512 VINYL SASH OF FLINT	100.00			
290376	07/28/2020	PRINTED	031667 HALEY LAW FIRM	600.00			
290377	07/28/2020	PRINTED	032121 TOWNSEND HOMES LLC	800.00			
290378	07/28/2020	PRINTED	032208 MC REAL ESTATE & CONSTRUC	100.00			
290379	07/28/2020	PRINTED	032438 BELLA DECKS LLC	200.00			
290380	07/28/2020	PRINTED	032493 SPBL INVESTMENTS LLC	400.00			
290381	07/28/2020	PRINTED	032726 POWER HOME SOLAR	100.00			
290382	07/28/2020	PRINTED	032968 CREATIVE DESIGN & CONSTRU	400.00			
290383	07/28/2020	PRINTED	032969 BRANDON GIBSON	400.00			
290384	07/28/2020	PRINTED	032970 JOSE ORTIZ	100.00			
290385	07/28/2020	PRINTED	032971 ANN ARBOR SUNROOMS	100.00			
290386	07/28/2020	PRINTED	032972 UNITED BUILDING SERVICE C	100.00			
290387	07/28/2020	PRINTED	032973 MICHAEL HEALY	100.00			
290388	07/28/2020	PRINTED	032974 BASEMENT CRACKS & LEAKS	100.00			
290389	07/28/2020	PRINTED	038063 SIGNS BY CRANNIE	100.00			
290390	07/28/2020	PRINTED	039446 CEDAR WORKS INC	100.00			
290391	07/28/2020	PRINTED	039944 HOME INSPECTION PLUS	100.00			
290392	07/28/2020	PRINTED	041460 CLYDES FRAME & WHEEL SERV	138.24			
290393	07/28/2020	PRINTED	041495 CMP DISTRIBUTORS INC	949.60			
290394	07/28/2020	PRINTED	043137 CAMP OHIYESA	960.00			
290395	07/28/2020	PRINTED	043364 AT&T MOBILITY	84.58			
290396	07/28/2020	PRINTED	043604 CONTRACTORS CONNECTION	161.10			
290397	07/28/2020	PRINTED	043626 CONSUMERS ENERGY	270.81			
290398	07/28/2020	PRINTED	053253 DTE ENERGY	16,542.06			
290399	07/28/2020	PRINTED	053612 DOVER & COMPANY, LLC	1,260.00			
290400	07/28/2020	PRINTED	053867 DUBOIS CHEMICALS INC	250.00			
290401	07/28/2020	PRINTED	064008 ELECTRONIC MONITORING SYS	480.50			
290402	07/28/2020	PRINTED	073615 KRISTINE E NORLIN	100.00			
290403	07/28/2020	PRINTED	073684 ALISON SWANSON	34.99			
290404	07/28/2020	PRINTED	083452 SUBURBAN FORD OF WATERFOR	6,203.32			
290405	07/28/2020	PRINTED	083751 FRAIBERG & PERNIE PLLC	350.00			
290406	07/28/2020	PRINTED	091835 GUNNERS METERS & PARTS IN	1,080.00			
290407	07/28/2020	PRINTED	093026 RICHARD GALAT	600.00			
290408	07/28/2020	PRINTED	093451 GLOBAL OFFICE SOLUTIONS	1,257.39			
290409	07/28/2020	PRINTED	093705 GRAINGER	486.40			
290410	07/28/2020	PRINTED	093833 GUARDIAN ENVIRONMENTAL SE	705.45			

FOR CASH ACCOUNT: 70000 01000 FOR: Uncleared

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
290411	07/28/2020	PRINTED	093842 RON GUISEPPE	120.00			
290412	07/28/2020	PRINTED	093863 GREAT LAKES WATER AUTHORI	2,959.37			
290413	07/28/2020	PRINTED	103023 HESCO	404.50			
290414	07/28/2020	PRINTED	103031 HALT FIRE INC	12,502.01			
290415	07/28/2020	PRINTED	103584 JOHN H HOLMES	700.00			
290416	07/28/2020	PRINTED	103841 HUTCHINSONS ELECTRIC INC	209.31			
290417	07/28/2020	PRINTED	113551 NICHOLS PAPER & SUPPLY CO	549.94			
290418	07/28/2020	PRINTED	121003 POWER PLAN	346.25			
290419	07/28/2020	PRINTED	151011 LTM AUTO TRUCK AND TRAILER	4,538.88			
290420	07/28/2020	PRINTED	153240 LESLIE TIRE	3,631.98			
290421	07/28/2020	PRINTED	153274 CAROLYN S LEONARD	120.00			
290422	07/28/2020	PRINTED	161055 M TECH COMPANY	1,558.81			
290423	07/28/2020	PRINTED	163107 MADISON GENERATOR SERVICE	227.85			
290424	07/28/2020	PRINTED	163270 METCOM	143.16			
290425	07/28/2020	PRINTED	163508 FERGUSON WATERWORKS #3386	2,973.50			
290426	07/28/2020	PRINTED	163520 MICHIGAN MILLERS MUTUAL I	14.00			
290427	07/28/2020	PRINTED	163858 TYLER BUSINESS FORMS	1,631.00			
290428	07/28/2020	PRINTED	164387 MIKES CLEARWATER HARVESTI	34,735.18			
290429	07/28/2020	PRINTED	174478 STATE OF MICHIGAN	10.00			
290430	07/28/2020	PRINTED	174620 MPARKS	992.00			
290431	07/28/2020	PRINTED	174721 STATE OF MICHIGAN	420.00			
290432	07/28/2020	PRINTED	181219 NEWKIRK ELECTRIC ASSOCIAT	17,800.00			
290433	07/28/2020	PRINTED	183952 NYE UNIFORM COMPANY	148.50			
290434	07/28/2020	PRINTED	193713 ORKIN, LLC	417.80			
290435	07/28/2020	PRINTED	193882 OVERDRIVE, INC.	3,224.16			
290436	07/28/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	10.00			
290437	07/28/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	2,324.63			
290438	07/28/2020	PRINTED	211016 PLM LAKE & LAND MANAGEMEN	2,860.00			
290439	07/28/2020	PRINTED	213052 MOVEMENT BY MARI ANN	182.00			
290440	07/28/2020	PRINTED	213566 COFFEE BREAK INC	40.75			
290441	07/28/2020	PRINTED	213723 PROGRESSIVE AE	5,000.00			
290442	07/28/2020	PRINTED	213849 SANDRA PULK	120.00			
290443	07/28/2020	PRINTED	241008 RKA PETROLEUM COMPANIES,	845.66			
290444	07/28/2020	PRINTED	251110 S&B PLBG & SEWER SERV INC	20.00			
290445	07/28/2020	PRINTED	253521 GRANT SMITH	150.00			
290446	07/28/2020	PRINTED	253568 SOLTIS PLASTICS CORP	370.11			
290447	07/28/2020	PRINTED	254774 SZOTT CHRYSLER JEEP	229.59			
290448	07/28/2020	PRINTED	254826 STARR AUTO GLASS	450.00			
290449	07/28/2020	PRINTED	261766 TT&C, LLC LAKEFRONT RESTO	600.00			
290450	07/28/2020	PRINTED	263255 TESTAMERICA LABORATORIES	286.80			
290451	07/28/2020	PRINTED	271016 US BANK EQUIPMENT FINANCE	1,741.11			
290452	07/28/2020	PRINTED	293016 WATERFORD AREA CHAMBER OF	50.00			
290453	07/28/2020	PRINTED	500246 MI MED INC	1,054.04			
290454	07/28/2020	PRINTED	500483 CSG FORTE PAYMENTS	7,039.88			
			96 CHECKS	CASH ACCOUNT TOTAL	351,927.48	.00	

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|WATERFORD TOWNSHIP
|AP CHECK RECONCILIATION REGISTER

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UNCLEARED

CLEARED

96 CHECKS

FINAL TOTAL

351,927.48

.00

** END OF REPORT - Generated by Lisa Lievois **

Checks Mailed Aug 11 → Aug 20

08/20/2020 11:57 | WATERFORD TOWNSHIP
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FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK # CHECK DATE TYPE VENDOR NAME UNCLEARED CLEARED BATCH CLEAR DATE

290591	08/11/2020	PRINTED	011015 TRACTION	351.45			
290592	08/11/2020	PRINTED	013452 ALEXANDER CHEMICAL CORP	6,914.60			
290593	08/11/2020	PRINTED	013665 APOLLO FIRE EQUIPMENT CO	668.15			
290594	08/11/2020	PRINTED	013666 APOLLO FIRE APPARATUS	116.65			
290595	08/11/2020	PRINTED	013772 ASHERKELLY	1,120.00			
290596	08/11/2020	PRINTED	013801 AT&T	222.05			
290597	08/11/2020	PRINTED	014472 ALPHA DIRECTIONAL BORING	1,000.00			
290598	08/11/2020	PRINTED	021380 BILLS PLBG & SEWER SERV I	1,166.25			
290599	08/11/2020	PRINTED	023225 EDWARD BRETZLOFF	110.58			
290600	08/11/2020	PRINTED	023374 BILL PARSONS HORSESHOE &	150.00			
290601	08/11/2020	PRINTED	023587 HILLARIE F BOETTGER PLLC	10.00			
290602	08/11/2020	PRINTED	023732 BRENDDEL'S SEPTIC TANK SER	2,113.94			
290603	08/11/2020	PRINTED	030047 CRANBROOK CUSTOM HOMES	400.00			
290604	08/11/2020	PRINTED	030048 DAWN RAGNOLI	100.00			
290605	08/11/2020	PRINTED	030049 KHAI DO	100.00			
290606	08/11/2020	PRINTED	030050 JULLIE NAIMI	100.00			
290607	08/11/2020	PRINTED	030051 MICHAEL BECK	100.00			
290608	08/11/2020	PRINTED	030052 ESTEFANY SAAVEDRA	100.00			
290609	08/11/2020	PRINTED	030053 NORTH SHORE CONSTRUCTION	100.00			
290610	08/11/2020	PRINTED	030054 CARL GILL	100.00			
290611	08/11/2020	PRINTED	030055 JOSEPH ATTISHA	100.00			
290612	08/11/2020	PRINTED	030056 ALBERT GILAJ	800.00			
290613	08/11/2020	PRINTED	030057 STEIN'S HOME IMPROVMENT	100.00			
290614	08/11/2020	PRINTED	030058 JONATHON BAZNER	100.00			
290615	08/11/2020	PRINTED	030059 SPS GLASS BLOCK	100.00			
290616	08/11/2020	PRINTED	030060 TSW HOMES LLC	240.00			
290617	08/11/2020	PRINTED	031387 MICHIGAN'S BEST DECK BUIL	100.00			
290618	08/11/2020	PRINTED	031395 HUTCHINSONS BLDG & DEVLPM	100.00			
290619	08/11/2020	PRINTED	031547 MGE CARPENTRY	100.00			
290620	08/11/2020	PRINTED	032702 CREATIVE DECKS & FINISHED	100.00			
290621	08/11/2020	PRINTED	032726 POWER HOME SOLAR	300.00			
290622	08/11/2020	PRINTED	032799 ABOVE BOARD CONSTRUCTION	100.00			
290623	08/11/2020	PRINTED	032848 DUANE IAN MCCLELLAND	100.00			
290624	08/11/2020	PRINTED	033884 WALLSIDE INC	100.00			
290625	08/11/2020	PRINTED	036175 JOSEPH CATANZARITE	400.00			
290626	08/11/2020	PRINTED	038942 EGRESS SOLUTIONS INC	100.00			
290627	08/11/2020	PRINTED	039159 PRO BUILT CUSTOM BUILDING	100.00			
290628	08/11/2020	PRINTED	039677 NEW GENERATION SIGNS	100.00			
290629	08/11/2020	PRINTED	039897 NATURE CRAFT CUSTOM BUILD	100.00			
290630	08/11/2020	PRINTED	039944 HOME INSPECTION PLUS	100.00			
290631	08/11/2020	PRINTED	041222 CCLS INC	100.00			
290632	08/11/2020	PRINTED	041460 CLYDES FRAME & WHEEL SERV	1,985.16			
290633	08/11/2020	PRINTED	043134 CAMBRIDGE CONSULTING GROU	700.00			
290634	08/11/2020	PRINTED	043626 CONSUMERS ENERGY	640.62			
290635	08/11/2020	PRINTED	043952 CYNERGY PRODUCTS	14,209.31			
290636	08/11/2020	PRINTED	051445 DLZ MICHIGAN, INC	16,048.85			
290637	08/11/2020	PRINTED	053216 ROXANNE DELLY	28.00			
290638	08/11/2020	PRINTED	053237 DETROIT ELEVATOR CO	145.00			
290639	08/11/2020	PRINTED	053253 DTE ENERGY	38,945.18			
290640	08/11/2020	PRINTED	053389 LUNGHAMER GMC INC	22.76			
290641	08/11/2020	PRINTED	053612 DOVER & COMPANY, LLC	3,794.95			
290642	08/11/2020	PRINTED	063488 EMERGENCY VEHICLES PLUS	2,044.80			

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
290643	08/11/2020	PRINTED	073003 RONALD R ARNOLD	150.00			
290644	08/11/2020	PRINTED	073037 JOHN BARKER	16.95			
290645	08/11/2020	PRINTED	073040 JODI BURCHETT	150.00			
290646	08/11/2020	PRINTED	073104 RANDALL EUGENE BUNCE	150.00			
290647	08/11/2020	PRINTED	073314 ALLEN GILL	150.00			
290648	08/11/2020	PRINTED	073374 PENNYE HOLDEN	150.00			
290649	08/11/2020	PRINTED	073403 KEVIN HACK	150.00			
290650	08/11/2020	PRINTED	073461 PAMELA LYMAN	150.00			
290651	08/11/2020	PRINTED	073539 SCOTT D MCGRADY	150.00			
290652	08/11/2020	PRINTED	073617 ISAAC NOTT	150.00			
290653	08/11/2020	PRINTED	073644 JAMES MARKOS	150.00			
290654	08/11/2020	PRINTED	073859 BRETT THOMPSON	150.00			
290655	08/11/2020	PRINTED	073914 GERALD WARD	150.00			
290656	08/11/2020	PRINTED	073925 DAN WATSON	150.00			
290657	08/11/2020	PRINTED	074908 WALTER REED	150.00			
290658	08/11/2020	PRINTED	083452 SUBURBAN FORD OF WATERFOR	5,570.13			
290659	08/11/2020	PRINTED	083466 FLEX ADMINISTRATORS INC	651.00			
290660	08/11/2020	PRINTED	093026 RICHARD GALAT	465.00			
290661	08/11/2020	PRINTED	093451 GLOBAL OFFICE SOLUTIONS	3,865.62			
290662	08/11/2020	PRINTED	103584 JOHN H HOLMES	300.00			
290663	08/11/2020	PRINTED	103641 HOME CONFINEMENT	569.50			
290664	08/11/2020	PRINTED	113551 NICHOLS PAPER & SUPPLY CO	807.68			
290665	08/11/2020	PRINTED	113554 IACP	875.00			
290666	08/11/2020	PRINTED	121011 J&B MEDICAL SUPPLY	1,964.19			
290667	08/11/2020	PRINTED	161014 MI MUNICIPAL RISK MGMNT	20,979.05			
290668	08/11/2020	PRINTED	161058 MDE INC	1,900.00			
290669	08/11/2020	PRINTED	163095 MAZZA AUTO PARTS INC	577.67			
290670	08/11/2020	PRINTED	163508 FERGUSON WATERWORKS #3386	5,631.50			
290671	08/11/2020	PRINTED	174870 STATE OF MICHIGAN	19,311.00			
290672	08/11/2020	PRINTED	193713 ORKIN, LLC	386.80			
290673	08/11/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	1,715.47			
290674	08/11/2020	PRINTED	204040 OAKLAND COUNTY TREASURER	1,978.00			
290675	08/11/2020	PRINTED	204910 OAKLAND CNTY TREASURERS O	815.00			
290676	08/11/2020	PRINTED	213211 PERCEPTIVE CONTROLS INC	54,140.00			
290677	08/11/2020	PRINTED	241960 HADLEY HILL EQUINE CLINIC	470.00			
290678	08/11/2020	PRINTED	253160 SCRAMLIN FEEDS	265.00			
290679	08/11/2020	PRINTED	253512 SMART START MICHIGAN	262.00			
290680	08/11/2020	PRINTED	253881 SUMMERS IRRIGATION, INC	189.00			
290681	08/11/2020	PRINTED	273533 UNIFIRST CORP	557.02			
290682	08/11/2020	PRINTED	283242 VERIZON WIRELESS	985.31			
290683	08/11/2020	PRINTED	291365 PRAXAIR DISTRIBUTION INC	33.69			
290684	08/11/2020	PRINTED	291365 PRAXAIR DISTRIBUTION INC	288.65			
290685	08/11/2020	PRINTED	293605 WORLDWIDE INTERPRETERS IN	160.70			
290686	08/11/2020	PRINTED	500246 MI MED INC	335.88			
290687	08/11/2020	PRINTED	500484 SYN-TECH SYSTEMS	550.00			
290688	08/18/2020	PRINTED	011700 AQUA-WEED CONTROL INC	12,187.50			
290689	08/18/2020	PRINTED	013198 ADVANCED DISPOSAL	1,113.17			
290690	08/18/2020	PRINTED	013685 APPLIED IMAGING	1,819.65			
290691	08/18/2020	PRINTED	013685 APPLIED IMAGING	1,989.00			
290692	08/18/2020	PRINTED	023732 BRENDEL'S SEPTIC TANK SER	443.21			
290693	08/18/2020	PRINTED	043364 AT&T MOBILITY	68.98			
290694	08/18/2020	PRINTED	043626 CONSUMERS ENERGY	522.01			

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
290695	08/18/2020	PRINTED	043723 CODE OFFICIALS CONFER OF	330.00			
290696	08/18/2020	PRINTED	043723 CODE OFFICIALS CONFER OF	330.00			
290697	08/18/2020	PRINTED	043723 CODE OFFICIALS CONFER OF	330.00			
290698	08/18/2020	PRINTED	053215 DELTA DENTAL	45,683.48			
290699	08/18/2020	PRINTED	053253 DTE ENERGY	5,755.84			
290700	08/18/2020	PRINTED	063021 EASTERN OIL CO	1,741.55			
290701	08/18/2020	PRINTED	063488 EMERGENCY VEHICLES PLUS	62.67			
290702	08/18/2020	PRINTED	073308 BRENT GIBSON	69.75			
290703	08/18/2020	PRINTED	073339 DAVID HILLS	69.75			
290704	08/18/2020	PRINTED	073541 ROBERT A MERINSKY	69.75			
290705	08/18/2020	PRINTED	082271 50TH DISTRICT COURT	110.00			
290706	08/18/2020	PRINTED	083580 FORSTER BROTHERS	61.00			
290707	08/18/2020	PRINTED	093471 GLOBAL INTERPRETING SERVI	375.14			
290708	08/18/2020	PRINTED	093823 GREEN MEADOWS LAWNSCAPE,	19,864.80			
290709	08/18/2020	PRINTED	103141 HART INTERCIVIC, INC	325.00			
290710	08/18/2020	PRINTED	113551 NICHOLS PAPER & SUPPLY CO	17.36			
290711	08/18/2020	PRINTED	163158 MCNABB SAW SERVICE INC	56.53			
290712	08/18/2020	PRINTED	174456 STATE OF MICHIGAN	260.00			
290713	08/18/2020	PRINTED	174456 STATE OF MICHIGAN	250.00			
290714	08/18/2020	PRINTED	204665 OAKLAND COUNTY TREASURER	743,858.07			
290715	08/18/2020	PRINTED	211090 PAULS AUTO INTERIORS	845.00			
290716	08/18/2020	PRINTED	234472 BLOOM ROOFING SYSTEMS INC	540.00			
290717	08/18/2020	PRINTED	251006 SHRADER TIRE & OIL OF MIC	4,559.10			
290718	08/18/2020	PRINTED	254869 STARDUST THEATRE RENTALS	612.00			
290719	08/18/2020	PRINTED	271016 US BANK EQUIPMENT FINANCE	97.66			
290720	08/18/2020	PRINTED	283242 VERIZON WIRELESS	225.30			
290721	08/18/2020	PRINTED	283242 VERIZON WIRELESS	857.99			
290722	08/18/2020	PRINTED	283242 VERIZON WIRELESS	1,174.70			
290723	08/18/2020	PRINTED	283242 VERIZON WIRELESS	1,856.20			
290724	08/18/2020	PRINTED	293355 WILBUR WHITE JR	2,550.00			
290725	08/19/2020	PRINTED	352023 ROSE CASOLARI	250.00			
290726	08/19/2020	PRINTED	352024 CYNTHIA ANGRISANI	250.00			
290727	08/19/2020	PRINTED	352028 DONNA WOOD	25.00			
290728	08/19/2020	PRINTED	352036 SARAH SOENTGEN	275.00			
290729	08/19/2020	PRINTED	352037 JOYCE FELICE	275.00			
290730	08/19/2020	PRINTED	352130 JEANNE SANTALA-ROSE	250.00			
290731	08/19/2020	PRINTED	352141 KATHLEEN A CHARBONEAU	275.00			
290732	08/19/2020	PRINTED	352152 SANDRA KAY ISENBERG	300.00			
290733	08/19/2020	PRINTED	353027 JOSEPH BELLIOTTI	250.00			
290734	08/19/2020	PRINTED	353051 PAMELA BOWDEN	250.00			
290735	08/19/2020	PRINTED	353072 ROBERT L CRUMP	250.00			
290736	08/19/2020	PRINTED	353088 MARSHA A LEE	250.00			
290737	08/19/2020	PRINTED	353100 LORIE DIETZ	275.00			
290738	08/19/2020	PRINTED	353109 ALEXANDER BRZEZINSKI	300.00			
290739	08/19/2020	PRINTED	353130 ELIAZBETH DZURKA	275.00			
290740	08/19/2020	PRINTED	353167 PHILIP HADLEY	300.00			
290741	08/19/2020	PRINTED	353172 LEE ANN COLLARD	300.00			
290742	08/19/2020	PRINTED	353185 SHIRLEY D CRUMP	250.00			
290743	08/19/2020	PRINTED	353190 JOSHUA LUMSDEN	275.00			
290744	08/19/2020	PRINTED	353193 CINDY CASEY	250.00			
290745	08/19/2020	PRINTED	353194 JOHN CASEY	300.00			
290746	08/19/2020	PRINTED	353195 SANDRA SNYDER	250.00			

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
290747	08/19/2020	PRINTED	353196 KIMBERLY JOHNSTON	275.00			
290748	08/19/2020	PRINTED	353197 THOMAS QUINN	250.00			
290749	08/19/2020	PRINTED	353198 CYNTHIA BOSCHERT	275.00			
290750	08/19/2020	PRINTED	353199 GAIL DESHA	250.00			
290751	08/19/2020	PRINTED	353211 CHARLES SPEAR	250.00			
290752	08/19/2020	PRINTED	353216 STEPHEN WATKINS	250.00			
290753	08/19/2020	PRINTED	353221 MAUREEN ALEXANDER	250.00			
290754	08/19/2020	PRINTED	353222 ELIZABETH CASOLARI	250.00			
290755	08/19/2020	PRINTED	353223 GRACE CASOLARI	250.00			
290756	08/19/2020	PRINTED	353224 NANCY POCS	275.00			
290757	08/19/2020	PRINTED	353227 CHERYL COYLE	275.00			
290758	08/19/2020	PRINTED	353228 TRACY MCKELLAR--JENISH	300.00			
290759	08/19/2020	PRINTED	353229 LAWRENCE CARTER	250.00			
290760	08/19/2020	PRINTED	353231 JOHN JERGE	275.00			
290761	08/19/2020	PRINTED	353232 MEGAN KIRSTEN	275.00			
290762	08/19/2020	PRINTED	353240 EVAN KRAMER	275.00			
290763	08/19/2020	PRINTED	353249 LORNA TUCCI	250.00			
290764	08/19/2020	PRINTED	353250 ANN BRZEZINSKI	300.00			
290765	08/19/2020	PRINTED	353259 EDWARD KARPINSKI	250.00			
290766	08/19/2020	PRINTED	353260 CYNTHIA KARAGOSIAN	250.00			
290767	08/19/2020	PRINTED	353276 SHERRY ECKER	250.00			
290768	08/19/2020	PRINTED	353277 KONI JOHNSON	250.00			
290769	08/19/2020	PRINTED	353278 KEVIN COLLARD	250.00			
290770	08/19/2020	PRINTED	353279 GAIL JOHNSON	250.00			
290771	08/19/2020	PRINTED	353281 PATRICIA MOORE	225.00			
290772	08/19/2020	PRINTED	353283 LESLIE AHERN	250.00			
290773	08/19/2020	PRINTED	353300 JANIS BRIDGMAN	250.00			
290774	08/19/2020	PRINTED	353307 LARRY C GAVETTE	250.00			
290775	08/19/2020	PRINTED	353330 KEVIN WHITE	175.00			
290776	08/19/2020	PRINTED	353344 VICTORIA HANNAH	175.00			
290777	08/19/2020	PRINTED	353347 FRAN HEIPLE	250.00			
290778	08/19/2020	PRINTED	353352 MARY J HEAD	250.00			
290779	08/19/2020	PRINTED	353373 SALLY HART	300.00			
290780	08/19/2020	PRINTED	353381 MCKENNA PLUNKETT	150.00			
290781	08/19/2020	PRINTED	353411 TAMARA D JACKSON	225.00			
290782	08/19/2020	PRINTED	353482 ROBERT P LUX	250.00			
290783	08/19/2020	PRINTED	353487 LEROY LESLIE	250.00			
290784	08/19/2020	PRINTED	353523 JANE MADSEN	250.00			
290785	08/19/2020	PRINTED	353563 KATHY MCKENNA	250.00			
290786	08/19/2020	PRINTED	353625 LINDA OLEARY	300.00			
290787	08/19/2020	PRINTED	353639 PATRICIA A PECK	250.00			
290788	08/19/2020	PRINTED	353693 GLORIA ROUSH	250.00			
290789	08/19/2020	PRINTED	353765 HE HUI SMITH	250.00			
290790	08/19/2020	PRINTED	353825 LARRY SPIECE	25.00			
290791	08/19/2020	PRINTED	354117 ANNE MOBLEY	300.00			
290792	08/19/2020	PRINTED	354126 JENNIFER BRADY	225.00			
290793	08/19/2020	PRINTED	354129 JILL POCS	250.00			
290794	08/19/2020	PRINTED	354131 KELCEY EVANS	250.00			
290795	08/19/2020	PRINTED	354191 LARIE MIRACLE	25.00			
290796	08/19/2020	PRINTED	354192 CAROLANN BROEKHUIZEN	250.00			
290797	08/19/2020	PRINTED	354199 SUSAN CAMILLERI	150.00			
290798	08/19/2020	PRINTED	354205 BARBARA EDGLEY	250.00			

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK # CHECK DATE TYPE VENDOR NAME UNCLEARED CLEARED BATCH CLEAR DATE

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
290799	08/19/2020	PRINTED	354738 KIMBERLY GAWRY	250.00			
290800	08/19/2020	PRINTED	354767 RUTH HAYWOOD	250.00			
290801	08/19/2020	PRINTED	354771 TINA SCHAMANTE-HECKERT	275.00			
290802	08/19/2020	PRINTED	354803 JENNIFER PILLSBURY	275.00			
290803	08/19/2020	PRINTED	354804 CAROLYN BUCKNER	250.00			
290804	08/19/2020	PRINTED	354808 CAROL CREW	250.00			
290805	08/19/2020	PRINTED	354818 KATHLEEN DUFF	275.00			
290806	08/19/2020	PRINTED	354822 PAULA HEISLER	275.00			
290807	08/19/2020	PRINTED	354829 MARLENE AUGUST	275.00			
290808	08/19/2020	PRINTED	354834 MARCIA SCHAFFER	250.00			
290809	08/19/2020	PRINTED	354835 LEXI BRADY	275.00			
290810	08/19/2020	PRINTED	354844 CHARLENE CLUCAS	250.00			
290811	08/19/2020	PRINTED	354857 MIA MILLER	150.00			
290812	08/19/2020	PRINTED	354864 BARBARA JENKINS	300.00			
290813	08/19/2020	PRINTED	354868 EMILY OLEARY	300.00			
290814	08/19/2020	PRINTED	354877 MARILYN MACADAEG	250.00			
290815	08/19/2020	PRINTED	354883 KELLIE REED	300.00			
290816	08/19/2020	PRINTED	354884 CATHERINE DETTLOFF	250.00			
290817	08/19/2020	PRINTED	354891 DARLENE SLOAN	250.00			
290818	08/19/2020	PRINTED	354898 MICHELLE WHARTON	250.00			
290819	08/19/2020	PRINTED	354902 MARY LYNN FREEMAN	275.00			
290820	08/19/2020	PRINTED	354903 CHARLES EASTMAN	250.00			
290821	08/19/2020	PRINTED	354905 MATTHEW PILLSBURY	300.00			
290822	08/19/2020	PRINTED	354907 LINDA WALL	250.00			
290823	08/19/2020	PRINTED	354912 LINDA JOLICOEUR	300.00			
290824	08/19/2020	PRINTED	354942 MARGERY SAGAMANG	250.00			
290825	08/19/2020	PRINTED	354945 LISA KIRBY	150.00			
290826	08/19/2020	PRINTED	354949 DENISE BERTRAM	275.00			
290827	08/19/2020	PRINTED	354950 HOWARD BERTRAM	250.00			
290828	08/19/2020	PRINTED	354953 SHIRLEY BEAM	250.00			
290829	08/19/2020	PRINTED	354955 CHERI EVANS	300.00			
290830	08/19/2020	PRINTED	354958 DANIEL VALENTINI	275.00			
290831	08/19/2020	PRINTED	354961 DIANA HICKMAN	250.00			
290832	08/19/2020	PRINTED	354971 BRUCE WENNER	250.00			
290833	08/19/2020	PRINTED	354976 JOANN KOHLER	250.00			
290834	08/19/2020	PRINTED	354984 MACKENZIE LIEVOIS	150.00			
290835	08/19/2020	PRINTED	354987 MEGAN MILLER	150.00			
290836	08/19/2020	PRINTED	354988 DELANEY PLUNKETT	150.00			
290837	08/19/2020	PRINTED	354989 JUDITH AVERY	250.00			
290838	08/19/2020	PRINTED	354990 RICHARD AVERY	250.00			
290839	08/19/2020	PRINTED	355003 SUSAN LALONE	250.00			
290840	08/19/2020	PRINTED	355012 MICHAEL SWILLUM	250.00			
290841	08/19/2020	PRINTED	355013 DIANE FUNK	250.00			
290842	08/19/2020	PRINTED	355014 MELISSA WILLSON	250.00			
290843	08/19/2020	PRINTED	355016 KATHLEEN BRANT	250.00			
290844	08/19/2020	PRINTED	355030 ETHAN JACKSON	275.00			
290845	08/19/2020	PRINTED	355039 LORI BARNETTE	250.00			
290846	08/19/2020	PRINTED	355041 DEBRA BECK	250.00			
290847	08/19/2020	PRINTED	355044 LISA CZYZ	300.00			
290848	08/19/2020	PRINTED	355047 KYLEE GALLERO	275.00			
290849	08/19/2020	PRINTED	355048 PRISCILLA GONZALEZ	275.00			
290850	08/19/2020	PRINTED	355051 JAMES KOHLER	250.00			

FOR CASH ACCOUNT: 70000 01000

FOR: Uncleared

CHECK # CHECK DATE TYPE VENDOR NAME UNCLEARED CLEARED BATCH CLEAR DATE

290851	08/19/2020	PRINTED	355052 LISA KOWALSKI	250.00			
290852	08/19/2020	PRINTED	355058 STEFANIE WILLIAMS	275.00			
290853	08/19/2020	PRINTED	355060 LORI ALLEN	275.00			
290854	08/19/2020	PRINTED	355062 VELVET HALE	25.00			
290855	08/19/2020	PRINTED	355069 JACK SUTHERLAND	250.00			
290856	08/19/2020	PRINTED	355079 JONI PELLAND	150.00			
290857	08/19/2020	PRINTED	355081 MARGIE WAMSLEY	175.00			
290858	08/19/2020	PRINTED	355083 CAROL PLAUTZ	250.00			
290859	08/19/2020	PRINTED	355092 DIANE LINDSAY	275.00			
290860	08/19/2020	PRINTED	355094 DENISE POZNANSKI	250.00			
290861	08/19/2020	PRINTED	355098 DAKOTA LANTZ	300.00			
290862	08/19/2020	PRINTED	355101 KATHLEEN MCINALLY	250.00			
290863	08/19/2020	PRINTED	355104 MICHELE KLETTER	275.00			
290864	08/19/2020	PRINTED	355105 ROBERTA BALLARD	300.00			
290865	08/19/2020	PRINTED	355106 TERESA JERGOVICH	275.00			
290866	08/19/2020	PRINTED	355111 NATALIYA KOSMYNA	225.00			
290867	08/19/2020	PRINTED	355116 MARY ANN ZEDNIK	275.00			
290868	08/19/2020	PRINTED	355117 DONALD J THOMPSON	250.00			
290869	08/19/2020	PRINTED	355119 KIM ROBERTS	275.00			
290870	08/19/2020	PRINTED	355122 JAIME JONES	275.00			
290871	08/19/2020	PRINTED	355123 CHRISTINE SHOEMAKER	300.00			
290872	08/19/2020	PRINTED	355124 CHERYL JONES	250.00			
290873	08/19/2020	PRINTED	355125 BILL NICHOLSON	275.00			
290874	08/19/2020	PRINTED	355127 KARI R BERLINGER	275.00			
290875	08/19/2020	PRINTED	355138 VICTORIA ISENBERG	250.00			
290876	08/19/2020	PRINTED	355139 CATHERINE MCKEOWN	300.00			
290877	08/19/2020	PRINTED	355142 KATHLEEN BURKE	250.00			
290878	08/19/2020	PRINTED	355143 DELLA COHEN	225.00			
290879	08/19/2020	PRINTED	355145 BETH OLESON	225.00			
290880	08/19/2020	PRINTED	355146 MELODY SUGDEN-COLGAN	250.00			
290881	08/19/2020	PRINTED	355149 MARIA STROM	175.00			
290882	08/19/2020	PRINTED	355154 CLAUDIA JANE SWINK	275.00			
290883	08/19/2020	PRINTED	355160 MARY CATHERINE WATKINS	250.00			
290884	08/19/2020	PRINTED	355161 CHARLES BRANDON	250.00			
290885	08/19/2020	PRINTED	355164 CYNTHIA ANN RUMPZ	250.00			
290886	08/19/2020	PRINTED	355165 YVETTE RENEE HODGE	275.00			
290887	08/19/2020	PRINTED	355168 SARANNE SUMPTER	250.00			
290888	08/19/2020	PRINTED	355172 SHANITRA ANTOINETTE POWEL	250.00			
290889	08/19/2020	PRINTED	355173 ROBERT MICHAEL BENTLEY	275.00			
290890	08/19/2020	PRINTED	355178 VICTORIA GETNER	250.00			
290891	08/19/2020	PRINTED	355179 ROY J AKERS	250.00			
290892	08/19/2020	PRINTED	355180 PAUL BARNETTE	250.00			
290893	08/19/2020	PRINTED	355183 CAROL DAUGHERTY	250.00			
290894	08/19/2020	PRINTED	355185 ELTON ALBRIGHT	225.00			

304 CHECKS

CASH ACCOUNT TOTAL

1,119,172.27

.00

WATERFORD TOWNSHIP PUBLIC LIBRARY

Director's Report – June/July 2020

FROM THE DIRECTOR

JUNE 2020

Our staff returned to work this month with reduced hours as the Township took advantage of Michigan's Work Share Furlough program. This allowed full time staff, furloughed 2 days/week, to collect unemployment benefits to make up lost wages plus receive the federal PUC of \$600/week, as well as keeping benefits such as healthcare and retirement. Part time staff, except Library Pages, were furloughed 50% of their weekly hours with roughly the same benefits. In addition to the savings for our budget, it gave us a chance to gradually re-acclimate staff to the new working conditions dictated by COVID-19 protocols.

JULY 2020

Currently staff are reporting to work on staggered schedules that accommodate the furlough days/hours. When they returned to 100% of work hours at the end of July, we resumed pre-closure schedules Monday through Thursday. These fall between 8:30a & 9:00p. However, with the overlap of these schedules during the day, we must reduce the number of bodies in the staff work room. To that end, we have established work areas for several staff in the Conference Room, Children's Services and Adults/Teens services as well as creating an additional space for meal breaks in half of the Community Room. (The other half of the Community Room serves as the quarantine area for returned materials, observed now for 96 hours.)

In addition to staff continuing to answer calls and emails as well as issue library cards remotely, they are have created and implemented the new Curbside Pick-up service, which began in mid-June. All staff have pitched in to help with it. This entails pulling requested items from our collection, helping deliver to cars waiting, and reshelving materials that have been checked in. This new service has been very well received by patrons. We plan to increase service hours in August.

The financial impact of the pandemic on all Township resources had us reviewing our plans to replace carpeting. Once we got the updated quote on the project, which included Adults/Teens Services and the Circulation Lobby, it far exceeded the approved amount budgeted this year. Knowing that our first step in re-opening is to limit access to the Circulation Lobby for Grab & Go services, we scaled back to replacing the carpet in just the Circulation Lobby. We will be able to move into this next phase of our reopening process when the carpet installation is complete. Our experience with other building projects has us hopeful that delays will be minimal. However, we have already had the installation start date delayed due to a portion of the materials being out of stock.

Phase 3 of reopening plan: Access to the Circulation Lobby only, for Grab & Go services. This includes

- Materials return
- Patrons picking up holds, including use of self-checkout stations
- Issuing library cards
- Resolving issues with patron accounts, e.g. paying fees for lost items (overdue fines remain suspended)
- Use of the photocopier/scanner
- Public computer access, 3 computers by appointment only, and
- Reference services

At present we cannot make the book stack areas available while we have staff work spaces set up in these same locations. They will remain closed until the need for social distancing has ceased. In the meantime our librarians will pull items requested by patrons, who can then come in and check out or use the Curbside Pick-up service.

NOTE: Use statistics in this report reflect the following

- Visits, In-Library - contacts to Circulation Staff resolving patron account issues over the phone and counts of patrons served at Curbside Pick-up
- Programs – primarily virtual through Facebook or held outside the library or on Civic Center campus
- Reference transactions – phone and email queries handled by librarians
- Meeting room bookings – suspended while space has been reallocated to quarantine returned materials and processing interlibrary loans

SERVICE UPDATES

The following Service Updates are highlights by our department heads of activities their staff have been involved in this month.

Adults', Outreach, & Teens' Services

Submitted by J. Hansen, Head of Adults' & Outreach Services

JUNE 2020

During the second half of June we began offering curbside service to patrons and manning the reference desk in person. We were much busier with calls and emails once curbside service began. Some people were definitely happy to be able to get print books again. We also resumed ordering new print books.

Outreach Services staff, Sandy and Mary Siniard, contacted all of their homebound patrons and did pick-ups and deliveries for them. We still cannot go into the assisted living facilities where we have satellite collections and change them out. But we are able to leave bags of books outside the facilities' front doors for our patrons who live there. Their staff then take these deliveries in and distribute to the residents.

EBook checkout numbers continue to be high.

Outreach circulation detail		Home or Mini-Branch Visits with Materials	
Materials delivered to homes	170	Homebound Visits	49
Materials used at mini-branches NOTE: No count from Whispering Woods this month because they had some water leakage/ damage in the area where the library is located.	196	Senior sites: Fox Manor and Canterbury Meadows NOTE: protocols at mini-branch sites still prohibit library staff from entering.	0
TOTAL	366	TOTAL	49

JULY 2020

We continue to handle requests for library materials by phone and email to be picked up at curbside by patrons. We've also had requests for various types of print outs, which we are also happy to do.

The activities person at The Meadows (Alzheimer's/memory care) section of Canterbury asked for a library card for the facility for the purpose of checking out eBooks and eAudiobooks to share with the residents there. They have an iPad on which she can download them. Jonathan Deahl, Head of Circulation, issued the card.

We had good participation in the adult and teen summer reading programs (all done online).

Outreach circulation detail		Home or Mini-Branch Visits with Materials	
Materials delivered to homes	265	Homebound Visits	48
Materials used at mini-branches NOTE: No count from Whispering Woods this month because they had some water leakage/ damage in the area where the library is located.	191	Senior sites: Fox Manor and Canterbury Meadows NOTE: protocols at mini-branch sites still prohibit library staff from entering.	0
TOTAL	456	TOTAL	48

Children's Services

Submitted by C. Walker, Head of Children's Services & Page Supervisor

JUNE 2020

On June 1st, the Michigan Stay-at-Home order was lifted by the governor; however, all full-time staff were furloughed two days a week, but still mostly working from home. We began curbside service for our patrons on June 15. The children's librarians began working at least one day in the library during the week to answer the reference desk phone, put children's materials away, pull books to be put on hold for patrons, get new books ready for processing that were finally delivered, and lots of cleaning.

Our online summer reading program began June 1st. This year's theme is "Imagine Your Story". We are using the Wandoo Reader application. We had 68 children signed up by June 30. A printable form is also available on our website. Parents are free to make their own reading record. There are seven levels of reading with different genre themes. We would like the students to complete at least four levels of reading to be eligible for the summer drawing and to earn a free book. They have until Labor Day Weekend to finish. We are trying to make things as easy as possible for our families and give them lots of time to do this.

Since we are not able to do in-house activities and programs this summer, we are doing daily Facebook posts featuring recommended books, crafts, activities, and field trips. Each week has a different genre theme to go along with our reading program. In June, we did Adventure Stories, Fantasy Fiction, and Patriotic Week heading into July.

It has been a summer like no other. Like a heading in the recent Collaborative Summer Reading Program (CSLP) Newsletter: "Make Plans. Change Plans. Rinse. Repeat."

JULY 2020

In July, the full-time staff were still furloughed two days a week, but mostly working from home. The children's librarians still worked one day in the library during the week to answer the reference desk phone, put children's materials away, pull books to be put on hold for patrons, get new books ready for processing, weeding, and lots of cleaning. The children's librarians returned full-time to the library on July 27.

Online summer reading program continued through July with 72 children signed up by month's end. Of these 29 had reached their reading goal. A printable form is also available on our website. Parents are free to make their own reading record. We will have a count of these participants after Labor Day when the program ends. Instead of in-library activities and programs this summer, we are using daily Facebook posts to connect young readers with recommended books. This month's weekly genre themes were Patriotic Week, Realistic Fiction, Fairy Tales, Mystery Fiction, and Science Fiction.

Circulation Services

Submitted by J. Deahl, Circulation Services Coordinator

JUNE 2020

The Stay Home, Stay Safe Executive Order was lifted on June 1. On Monday, June 8, our outside book return reopened for patrons to return library material. Returns were (and still are) quarantined for a period of 24 or 72 hours depending on the type of materials they are made of, porous or nonporous. The circulation clerks returned to work on Monday, June 8. They worked staggered, two-hour shifts to check-in items, answer incoming calls, shelve materials and register new cardholders.

On Monday, June 15, we soft launched our Curbside Pick-up service. Staff called patrons with holds made available prior to our mandated closure and told them these could be picked up. Curbside Pick-up hours are Monday-Thursday from 1:00pm-6:00pm and Saturday from 1:00pm-5:00pm. On Monday, June 22, patrons could begin placing holds on materials owned by our library for pick-up curbside. On Monday, June 29 inter-library loans between many of our cooperative's shared-system libraries resumed. Since Monday, June 22, we have had a heavy flow of patrons utilizing this service.

	June 2020	July 2020
Phone calls answered/returned	675	1,306
Emails Answered	37	37
New patrons	23	16
Patron Renewals	6	34
Patrons helped curbside (in June only the 15 th -30 th)	438	1,439

JULY 2020

Our curbside service, which currently runs Monday-Thursday from 1:00 PM to 6:00 PM and Saturday from 1:00 PM to 5:00 PM, has been a huge success. Most days we see between seventy-five and eighty cars; however, we have come close to breaking one hundred cars on more than one occasion. In July, we delivered materials to 1,419 patrons at Curbside Pick-up. We are looking at expanding upon these hours in August.

We do not have a date for when the library will be open to the public. Several times since our mandated closure in March, I have requested The Library Network extend library privileges for accounts nearing their expiration dates. At the end of July, I requested all patron accounts that expired in 2019 or were expiring before May 1, 2021 be extended to Saturday, July 31, 2021.

DONATIONS

Total \$ 173.42

- Royalty check for \$173.42 from sales of Poetry Leaves anthologies.

PROGRAMS IN JUNE & JULY

PROGRAM	PARTICIPANTS
ADULTS	
Weekly Knitting Group Off-site down by the pond	
June - 4 sessions	45
July – 5 sessions	50
NASA@mylibrary live webcast via Facebook (June)	8
Attendance unknown but 8 people noted an interest in the event	
Library Gardeners	
June – outdoor work bee only	14
July – outdoor work bee only	11
Summer Reading Program	59
78 registered; 59 logged at least one book	
SUBTOTAL	187
TEENS	
Summer Reading Program	25
25 registered; 20 read 500 minutes or more. Total minutes logged by all participants: 50,090	
Facebook & Twitter engagements – posts promoting SRP (236/51)	287
SUBTOTAL	312
CHILDREN	
Virtual Storytime/Craft demonstration (6)	227
WonderReader with Joel Tacey (virtual via Facebook)	268
Facebook engagements - posts promoting Summer Reading Club themes (27)	1,254
SUBTOTAL	1,749
TOTAL PROGRAM PARTICIPATION	2,248

2020 STATISTICAL SUMMARY				
		2018	2019	2020
ANNUAL				
CARDHOLDERS		FINAL	FINAL	YTD
	TOTAL	22,655	20,503	20,500
	NEW	2,781	2,762	711
	% RESIDENTS	31%	28%	28%
COLLECTION				
	TOTAL	531,523	858,349	172,475
<i>NOTE: 2020 Hoopla statistics based on items</i>	eCONTENT	374,144	738,192	50,445
<i>circulated not holdings in their database</i>	% eCONTENT	70%	86%	29%
MONTHLY - JUNE				
TOTAL SERVICE HOURS		243	247	176
VISITS				
	TOTAL	39,335	63,708	36,760
	IN-LIBRARY	14,500	15,151	1,113
	AVG/DAY	483	505	37
	REMOTE	24,835	48,557	35,647
CHECKOUT TRANSACTIONS				
	TOTAL	22,848	22,746	8,515
	eCONTENT	3,517	4,520	6,305
	% eCONTENT	15%	20%	74%
INTERLIBRARY LOAN				
	SENT	2,330	2,111	1,660
	RECEIVED	2,409	3,075	1,844
NET LENDER / (NET BORROWER)	NET	(79)	(964)	(184)
REFERENCE TRANSACTIONS				
	TOTAL	2,056	2,051	364
	AVG/HOUR	8	8	2
TOTAL MEETING ROOM BOOKINGS				
(2018 Count does not include Assisted Study & Group Study rooms)	TOTAL HOURS	158	330	0

2020 STATISTICAL SUMMARY				
		2018	2019	2020
ANNUAL				
CARDHOLDERS		FINAL	FINAL	YTD
	TOTAL	22,655	20,503	20,083
	NEW	2,781	2,762	727
	% RESIDENTS	31%	28%	27%
COLLECTION				
	TOTAL	531,523	858,349	169,510
<i>NOTE: 2020 Hoopla statistics based on items</i>	eCONTENT	374,144	738,192	46,878
<i>circulated not holdings in their database</i>	% eCONTENT	70%	86%	28%
MONTHLY - JULY				
TOTAL SERVICE HOURS		252	260	168
VISITS				
	TOTAL	64,459	67,023	53,093
	IN-LIBRARY	15,656	16,675	2,745
	AVG/DAY	505	538	89
	REMOTE	48,803	50,348	50,348
CHECKOUT TRANSACTIONS				
	TOTAL	25,873	23,042	10,423
	eCONTENT	3,954	4,705	5,815
	% eCONTENT	15%	20%	56%
INTERLIBRARY LOAN				
	SENT	2,286	2,487	2,617
	RECEIVED	2,524	3,060	2,441
NET LENDER / (NET BORROWER)	NET	(238)	(573)	176
REFERENCE TRANSACTIONS				
	TOTAL	2,336	2,189	454
	AVG/HOUR	9	8	2
TOTAL MEETING ROOM BOOKINGS				
(2018 Count does not include				
Assisted Study & Group Study rooms)	TOTAL HOURS	153	357	0

TREASURER'S REPORT

Jul-20

FUND	BANK	ENDING BAL	ENDING BAL
<u>CHECKING</u>		JUN	JUL
DISBURSEMENT	CHASE	426,149.29	484,091.66
RECEIVING	CHASE	13,010,333.91	9,735,098.95
PAYROLL	CHASE	16,343.90	14,156.36
PENSION PAYROLL	CHASE	928,302.67	924,755.04
TAX	CHASE	2,099.23	808,087.96
WATER & SEWER	CHASE	3,702,308.18	4,050,180.18
<u>MONEY MARKET</u>			
GENERAL	OAKLAND CO GOVT.POOL	36,534,194.52	36,567,585.14
TAX	OAKLAND CO GOVT.POOL	-	0.99
WATER & SEWER	OAKLAND CO GOVT.POOL	7,985,548.71	5,992,076.63
WATER & SEWER*	GENISYS CREDIT UNION	23.75	23.75
WATER & SEWER	FLAGSTAR	1,052,779.01	1,053,135.69
WATER & SEWER	FIFTH THIRD BANK	4,034.06	4,039.69
<u>RESTRICTED SAVINGS</u>			
SAFER GRANT ESCROW	CHASE	257,649.95	257,660.81
<u>THIRD PARTY</u>			
WORKER'S COMP	FLAGSTAR	44,782.79	43,073.70
FLEXIBLE BENEFIT	FLAGSTAR	245,995.37	248,297.05
		64,210,545.34	60,182,263.60

BOARD OF TRUSTEES
Gary Wall, Supervisor
Kimberly F. Markee, Clerk
Margaret Birch, Treasurer
Anthony M. Bartolotta, Trustee
Arthur Frasca, Trustee
Karen Joliat, Trustee
Steven Thomas, Trustee



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**DEVELOPMENT SERVICES
DEPARTMENT**
Rob Merinsky, PE
Director
Brent A. Gibson
Superintendent of Building
Division
Jeffrey M. Polkowski, AICP
Superintendent of Planning &
Zoning Division

MEMORANDUM

Date: August 3, 2020

To: Honorable Township Board Members

From: Jeffrey Polkowski, Superintendent of Planning and Zoning

RE: Waterford Township Master Plan Update Amendment

Attached for your review and consideration, please find a proposed 2020 Master Plan Update Amendment.

The Township's current Master Plan was adopted by the Planning Commission on January 2, 2003, when the Township Planning Act was in effect. That Plan was developed over the course of three (3) years (2000 – 2002) with significant citizen involvement, research, analysis, and subcommittee work on nine (9) areas which were transportation and commercial corridors; environment; recreation and open space; historic district and neighborhood nodes; capital improvements and municipal services; economic development; education and public services; housing and demographics; and zoning ordinance and landscape aesthetics. The result was a Master Plan to guide Waterford's future land use and development patterns during the next 20 years, titled "*Waterford Township Master Plan 2003 – 2023.*"

The Township Planning Act was replaced by the Michigan Planning Enabling Act (Public Act 33 of 2008) that took effect September 1, 2008. Under that Act, a more detailed process was provided for master plan adoptions, extensions, additions, revisions, and amendments. That Act also added a new requirement that planning commissions periodically review their master plan to determine if the procedure for amending it or adopting a new plan should be commenced.

Although the Master Plan had been adopted before the new Planning Enabling Act and runs through 2023, the Planning Commission reviewed and decided to go through the process to update it. In doing that, the Commission focused on Chapter 9, Implementation, which addresses the Master Plan Goals and their associated objectives and strategies for implementation. The Commission determined that some of those objectives had been realized and others were in need of refinement based upon the changes in the community since 2003.

**With us there are no
boundaries**

For this Master Plan Update, there were no new background studies and no subcommittees were appointed. The Commission's review did confirm that some Appendices listed in the Master Plan should be deleted because they identify items that have not been completed or that are no longer necessary or appropriate for inclusion. Finally, for this Master Plan Update, the Commission did not review the current master plans incorporated by reference in the Master Plan as the following Appendices:

- R. Waterford Recreation Plan
- T. Wellhead Protection Plan [now Article V of Chapter 8 of Township Ordinance Code]
- U. Oakland County International Airport Master Plan
- V. Waterford School District Master Plan
- W. Oakland County Service Center Complex Master Plan

The format of this Master Plan Update does not involve editing or amending language in the 2003 - 2023 Master Plan. Rather, it is to supplement that existing language as appropriate to reflect changed conditions or information by reference to the Chapters and Appendices of the Master Plan.

Planning Commission

At the regularly scheduled Planning Commission meeting on July 28, 2020 a motion was made by Commissioner Ray, supported by Commissioner Murphy, to:

1. Submit the proposed Update Amendment to the Master Plan as presented at this meeting to the Township Board for review, comment, and to approval of distribution for review and comment by the entities specified in the Michigan Planning Enabling Act.
2. Request that the Township Board approve the distribution at one of its August 2020 regular meetings.
3. Schedule a public hearing on the Update Amendment for the Commission's regular meeting on November 24, 2020 and include notice of that hearing to the neighboring municipalities when they are provided with the Update Amendment for review and comment.

Upon roll call the following vote was taken: Ayes: (6) (Commissioners Bartolotta, Kramer, Murphy, Ray, and Sintkowski). Absent: (1) (Commissioner Reno). The motion was adopted.

Boat of Trustees

Township staff recommends a motion in response to the Planning Commission's request of July 27, 2020, to approve the Planning Commission Secretary distributing the proposed Master Plan 2003 – 2023 Update Amendment for review and comment by the entities specified in MCL 125.3841(2) of the Michigan Planning Enabling Act.

Upon your review, if you have any questions or require further information, please contact this office.

**CHARTER TOWNSHIP OF WATERFORD
OAKLAND COUNTY, MICHIGAN
MASTER PLAN 2003 – 2023
UPDATE AMENDMENT**

Planning Commission approval for submission to Township Board: July 28, 2020

Township Board approval of distribution: _____, 2020

Commission Secretary distribution: _____, 2020

With notice that review comments due by: _____, 2020

With notice of public hearing for _____, 2020

Newspaper publication of Notice of Public Hearing: _____, 2020

Planning Commission Public Hearing held on: _____, 2020

Approved by Planning Commission: _____, 2020

Executive Summary of 2020 Master Plan Update Amendment

The Township's current Master Plan was adopted by the Planning Commission on January 2, 2003, when the Township Planning Act was in effect. That Plan was developed over the course of three (3) years (2000 – 2002) with significant citizen involvement, research, analysis, and subcommittee work on nine (9) areas which were transportation and commercial corridors; environment; recreation and open space; historic district and neighborhood nodes; capital improvements and municipal services; economic development; education and public services; housing and demographics; and zoning ordinance and landscape aesthetics. The result was a Master Plan to guide Waterford's future land use and development patterns during the next 20 years, titled "Waterford Township Master Plan 2003 – 2023."

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Although the Master Plan had been adopted before the new Planning Enabling Act and runs through 2023, the Planning Commission reviewed and decided to go through the process to update it. In doing that, the Commission focused on Chapter 9, Implementation, which addresses the Master Plan Goals and their associated objectives and strategies for implementation. The Commission determined that some of those objectives had been realized and others were in need of refinement based upon the changes in the community since 2003.

For this Master Plan Update, there were no new background studies and no subcommittees were appointed. The Commission's review did confirm that some Appendices listed in the Master Plan should be deleted because they identify items that have not been completed or that are no longer necessary or appropriate for inclusion. Finally, for this Master Plan Update, the Commission did not review the current master plans incorporated by reference in the Master Plan as the following Appendices:

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The format of this Master Plan Update does not involve editing or amending language in the 2003 - 2023 Master Plan. Rather, it is to supplement that existing language as appropriate to reflect changed conditions or information by reference to the Chapters and Appendices of the Master Plan.

Chapter 2 - Introduction.

Is updated and amended to delete the reference to and quote from the Township Planning Act, P.A. 168 of 1959, which is no longer in effect, and to include the following in its place.

As of September 1, 2008, the Township Planning Commission's authority and procedures for master plans has been provided by the Michigan Planning Enabling Act, Public Act 33 of 2008.

Chapter 3 - Geography and Brief History of Waterford Township.

Is updated to amend and add to the language at the end of the Chapter so it reads as follows:

The year 2000 saw the population of the Township increase by 9.7 percent, to 73,150 persons. The average household size declined again, this time to 2.42 persons per household.

A slowdown in the American economy began in late 2007 and ended in the summer of 2009. The 2010 Census showed that the Township's population dropped to 71,707 persons. The average household size dropped to 2.40 persons per household. The median value of all owner-occupied homes in the State fell by nearly 20 percent, to \$123,000. The number of people employed in Michigan declined by 440,000.

In 2014, the Waterford Board of Education closed four (4) elementary schools. Adams, Burt, Sandburg and Waterford Village elementary schools will be closed permanently due to out-migration and the aging of Michigan's population. The number of K-12 students has since declined by 8.98 percent. Since 2010, the Waterford School District has seen a decline of 1,000 students.

On November 13, 2017, with the adoption of Ordinance 2017-006, the Historic District Commission Ordinance was repealed and the Historic District that had been created by the Ordinance was repealed for purposes of the need to comply with any restrictions, limitations, or certificate, approval or other requirements under the State Local Historic Districts Act, Public Act No. 169 of 1970.

After years of decline and all businesses eventually closing, the Summit Place Mall fell into serious disrepair to the point where it had to be demolished. That demolition was substantially completed in 2019. In anticipation of that demolition and recognition of the reduced demand for brick and mortar retail stores, in 2019, the Township adopted a Summit Place Overlay District Zoning Ordinance Amendment to provide more flexibility with respect to uses and approval procedures to encourage redevelopment of the site.

On March 23, 2020, Emergency Amendments to the Township Emergency Preparedness Ordinance were adopted, which among other things, provided for the Township to fully and independently exercise its separate powers and authority under the Emergency Management Act and terminated the Township's participation in Oakland County's emergency management plan without limiting or restricting the Township's ability to cooperate with the County and other political subdivisions in emergency situations.

The development phase of the Township is nearing its end, with over 92 percent of the land being developed. As it looks to its future, the Township must now face the challenges of redevelopment, economic development, and quality of life issues. The Planning Commission began the current Master Plan process to guide Waterford to successfully meet these new challenges and continue the progress that has guided Waterford throughout its history.

Chapter 4 - Organization of Waterford Planning and Zoning.

Is updated and amended to change the number of Planning Commission members from nine (9) to seven (7), change the number of Zoning Board of Appeals members from five (5) to seven (7), delete the CDBG Citizen Advisory Committee, and make the following changes in job titles and descriptions:

Community Planning and Development Director changed to Development Services Director

Responsible for the implementation and daily administration of all planning, zoning, community development, economic development and code enforcement activities. Acts as the liaison between the Township, citizens, news media, other governmental agencies, developers, and municipal professionals regarding Development Services Department issues. Prepares and presents annual budget requests, administers departmental budget, and ensures that the authorized budgetary procedure is properly used. Responds to development related violation inquiries from residents, contractors and other parties. Keeps abreast of modern engineering practices and changes in regulations through continued education and professional growth. Reviews plans and blueprints for new commercial, residential, and municipal developments. Ensures compliance with Township codes, and professional engineering standards relating to water, sewer, grading, drainage, public safety and other issues. Approves permits as warranted. Administers the Community Development Block Grant Program. Oversees staff processing of site plans, rezoning and plan approval use applications, subdivisions, site condominiums, and special land use applications. Responds to questions from applicants and the public regarding the Township's planning and development processes.

Building and Engineering Director changed to Superintendent of Building Division

Manages and directs the activities of the Building Division to ensure projects are constructed in accordance with applicable laws, codes, ordinances, and accepted practices. Responds to building related violation inquiries from residents, contractors and other parties. Reviews residential and commercial building plans and blueprints. Ensures compliance with Township codes and professional building standards relating to framing, footings, electrical, plumbing, fire protection, accessibility and other related issues. Oversees the building construction and inspection process of new and existing buildings, and other construction projects. Oversees the registration process and license approval for contractors interested in working within the Township. Oversees the Dangerous Building processes and hearings. Keeps abreast of changing regulations and policies through continued education and professional growth.

Superintendent of Planning and Zoning Division

Manages and directs the activities of the Planning and Zoning division to ensure projects within the Township are constructed in accordance with applicable laws, codes, ordinances and accepted practices. Administers the Township's site plan review process, the Township's lot/acreage land division review process and the Township's subdivision and condominium review process. Coordinates development projects with consulting engineers, developers, architects, builders and regulatory agencies. Oversees preparation of agendas and minutes of Planning Commission meetings and Economic Development Corporation (EDC) meetings along with reviewing materials to be included in the public record. Responds to zoning related violation inquiries from residents, contractors, and other parties. Coordinates work activities with other departments and outside agencies when projects require joint efforts. Oversees and directs the Township's code enforcement activities.

The Township also employs engineering, planning, and legal services on a consulting basis to achieve its planning and development goals.

Chapter 9 - Implementation.

The objectives and strategies to achieve them for the seven (7) implementation goals in the Master Plan, and the Fiscal Tools, Legislative Policy Making, Administration and Enforcement, Citizen Education and Promotion, and Evaluation Sections of Chapter 9 are updated and amended to read as indicated on the following pages:

GOAL ONE
TO MAINTAIN, IMPROVE, AND ENHANCE CAPITAL
INFRASTRUCTURE AND PUBLIC SAFETY FOR THE HEALTH,
SAFETY, AND WELFARE OF WATERFORD CITIZENS

Objective 1-1
Maintain and Enhance Existing Level of Fire Protection
and Emergency Medical Services

Strategies to Achieve Objective 1-1

- a. Continue the maintenance, update, and effective fire-fighting coverage of Township fire hydrants.
- b. Ensure sufficient facilities, staffing, equipment, and training levels for effective and prompt fire-fighting and EMS coverage of all areas in and served by the Township.
- c. Investigate and adopt, when economically feasible, new technologies which enhance and expand fire-fighting, prevention, detection, and emergency medical response capabilities.
- d. Maintain and enhance the use of the Township GIS for analysis of fire prevention, fire-fighting, and EMS capabilities.
- e. Provide continuing education and training in fire safety and prevention, first aid, and CPR to all citizens.
- f. Advocate the installation of affordable medical and fire safety technologies in all homes and workplaces.
- g. Implementation of the Township's full and independent exercise of its separate powers and authority under the Emergency Management Act, discontinuing its direct~~Maintain~~ participation in the Oakland eCounty-wide disaster and emergency operations plans but without limiting or restricting cooperation with the County and other political subdivisions as necessary for effective handling of and coordinated responses to potential natural and man-made disasters as provided in Ordinance 2020-004.
- h. Require effective fire safety and prevention systems in all development and redevelopment efforts.

Objective 1-2
Maintain and Enhance Existing Level of Water and Sewer Services

Strategies to Achieve Objective 1-2

- a. Ensure sufficient facilities, staffing, equipment, and training levels for the safe and effective operation and maintenance of the Township's water and sewer systems.
- b. Utilize the Township capital improvement planning process to plan for necessary water and sewer system capacity improvements.
- c. Utilize the Township capital improvement planning process to plan for necessary preventative water and sewer line maintenance and replacement.
- d. Maintain and enhance the use of the Township GIS and other appropriate electronic information systems for the effective operation, analysis, and capital maintenance tracking of the Township water and sewer systems.

- e. Identify and implement economically feasible new technologies which enhance and expand efficient, effective, safe, and healthy water and sewer systems.
- f. Promote and enforce the installation of water line loop systems.
- g. Implement and enforce ordinances and policy measures to protect and enhance the environmental quality of the Township's water supply.

Objective 1-3
Review the Storm Drainage System

Strategies to Achieve Objective 1-3

- a. Develop a master storm water management plan in accordance with State of Michigan and U.S. Environmental Protection Agency guidelines and the existing facilities and future storm drainage capacity needs of the Township.
- b. Consider, as necessary to compliance with State of Michigan and U.S. Environmental Protection Agency requirements, the feasibility of creating and implementing an administrative structure and funding authority which provides an effective unified approach to managing, maintaining, and improving the storm drainage system within the Township.
- c. Maintain and enhance the use of the Township GIS and other appropriate electronic information systems to map and analyze all storm drainage systems within the Township.
- d. Enforce effective policies and best management practices wherever applicable to ensure the maintenance, capacity, and quality of the storm drainage system with the assistance and support of all governmental agencies responsible for stormwater management in the Township.
- e. Ensure that all new development and redevelopment projects are thoroughly evaluated and constructed to accommodate and not overburden the storm drainage system capacity within the Township along with encouraging improvements to the system capacity.
- f. Investigate and adopt the most effective means of enforcing updated engineering storm water discharge standards.
- g. Require the utilization of best management practices, including requirements for detention/retention, for new development and redevelopment projects within Waterford.

Objective 1-4
Support the Enhancement of the Power and Communication
Utilities Infrastructure within the Township

Strategies to Achieve Objective 1-4

- a. Promote the conversion of overhead utility wires to underground lines.
- b. Require that utility and communication companies ~~to~~ demonstrate the capacity to provide modernized, full and uninterrupted service for proposed land uses.
- c. Map in GIS the location and capacity of all utility lines.
- d. Develop a map of prioritized areas where existing overhead utilities should be installed underground.
- e. Develop a map of all communication lines.

Objective 1-5
Maintain and Enhance Existing Level of Police Protection

Strategies to Achieve Objective 1-5

- a. Ensure sufficient facilities, staffing, equipment, and training levels for effective and prompt police protection and safety coverage of all areas of the Township.
- b. Investigate and adopt, when economically feasible, new technologies that enhance and expand crime prevention, detection, and public safety.
- c. Maintain and enhance the use of the Township GIS for analysis of crime prevention, detection, and solution.
- d. Make education and training in public safety available to Township residents.

Objective 1-6
Improve and Enhance the Township's Capital Facilities and Infrastructure Planning

Strategies to Achieve Objective 1-6

- a. Establish an annual capital improvement planning process to implement the requirements of the Michigan Planning Enabling Act for a capital improvements program to be prepared, showing the priority of public structures and improvements that will be needed or desirable and can be undertaken in a 6-year period and which is based on lists, plans, and cost estimates obtained from Township Departments for such capital improvements and the time frame within which those improvements should be made.
- b. Develop capital improvement planning strategies to provide guidance to the Township Board on accomplishing Master Plan Goals.
- c. Establish and maintain a database containing information on the available public infrastructure (water, sanitary sewer, storm sewer, etc.) capacities within the Township to assist Township staff in making decisions on proposed land uses.

GOAL TWO
TO IMPROVE AND ENHANCE THE TRANSPORTATION
NETWORK WITHIN WATERFORD

Objective 2-1
Maintain and Encourage Road Improvements Within Waterford Township

Strategies to Achieve Objective 2-1

- a. Continue to improve and expand the proactive and effective partnership between the Township and the public road agencies to achieve quality public road improvements, maintenance, traffic flow, and safety in Waterford Township.
- b. Develop a Waterford Township Transportation Plan to identify road maintenance and improvement priorities to be considered in Township decisions necessary to achieve the Master Plan Goals.

- c. Develop and maintain a road needs review process as part of the Waterford Township Transportation Plan.
- d. Incorporate priority road maintenance and improvements into the capital improvements program in accordance with Objective 1-6.
- e. Require dedication of road right-of-way in connection as a condition of approval for development and redevelopment projects as necessary to provide a right-of-way width consistent with the Road Commission of Oakland County Master Right-of-Way Plan.

Objective 2-2
Encourage North-South Mobility in Waterford Township

Strategies to Achieve Objective 2-2

- a. Explore, facilitate, and encourage feasible realignment, extensions, widening, and other improvements of existing roads to eliminate or reduce safety hazards and improve traffic flow.
- b. Identify and incorporate in the Transportation Plan, unimproved sections of the primary road network where traffic safety or flow could be improved by paving or other improvements.
- c. Identify and pursue non-Township funding sources for primary road network improvements.

Objective 2-3
Diversify Transportation Options

Strategies to Achieve Objective 2-3

- a. Encourage and facilitate dependable and safe transportation options for prospective users who are housebound, such as senior and disabled citizens.
- b. Assess public transportation needs for Waterford Township.
- c. Develop and implement policies and programs to allow ~~that~~ residents and visitors to travel freely in Waterford without unnecessary delays by both motorized and non-motorized modes of transportation.
- d. Promote an advisory committee consisting of local business owners, transportation officials, and residents, to review and recommend public transportation options for Waterford residents.

Objective 2-4
Improve Traffic Safety

Strategies to Achieve Objective 2-4

- a. Assist road agencies through the use of GIS and other analytical tools to prioritize, develop, and fund plans and programs to eliminate existing traffic hazards and conflicts between different modes of transportation.
- b. Identify key intersections for design improvements to increase transportation efficiency within the Township.
- c. Develop and implement traffic impact and access management standards in ordinance requirements and policies for new development and redevelopment projects.

- d. Promote efforts to partner with traffic safety organizations and utilize all Township communication resources to educate citizens on traffic safety.
- e. Actively enforce traffic safety laws.

Objective 2-5
Enhance the Safety of the Waterford Village Historic District

Strategies to Achieve Objective 2-5

- a. Research, develop, and implement traffic calming and walkability measures in and adjacent to the District (*Please refer to Map 10 on Page 7-47 in Chapter 7 for the location of the District*).
- b. Evaluate, promote, and implement methods that slow down and discourage through traffic while maintaining continuous access for residents and public safety personnel.
- ~~e. Develop and implement an active role for the Township's Historic District Commission in enhancing and promoting transportation safety within the District.~~

GOAL THREE
TO ENHANCE THE WALKABILITY OF WATERFORD

Objective 3-1
Maintain, Expand and Improve Safety Paths

Strategies to Achieve Objective 3-1

- a. Develop, identify and pursue sources of funding and implement a master safety path construction and maintenance plan, incorporating priority projects into the Township's Capital Improvements Plan.
- b. Construct connections between existing segments of safety paths.
- c. Facilitate and encourage connection of all Waterford parks and schools to the safety path system.
- d. Install and maintain safety path links between neighborhood nodes (*Please refer to Figure 8-10 on Page 8-22 in Chapter 8 for the location of the nodes*).
- e. Maintain existing segments of safety paths.
- f. Inventory existing safety paths to determine Americans with Disabilities Act (ADA) compliance and provide for required ADA compliance in any upgrades or repairs.
- g. Establish and utilize a GIS database for evaluating the condition of the existing safety path system components in Waterford Township based on an objective scoring criteria.
- h. Promote efforts to utilize all Township communication resources to educate citizens on the benefits of walking using non-motorized paths.

Objective 3-2

Develop and Promote a Waterford Riverwalk Pedestrian Pathway

Strategies to Achieve Objective 3-2

- a. Complete and promote implementation of a Riverwalk Master Plan for safety paths and other improvements for the area from the Waterford Towne Center area to the Drayton Plains Nature Center, to provide access to and encourage enjoyment of the Clinton River.
- b. Pursue and apply for alternative funding sources, whenever possible, to complete the remaining segments of the Riverwalk Master Plan.
- c. Explore opportunities to link the Waterford Riverwalk system to safety path systems in adjacent communities.
- d. Incorporate Riverwalk project components in the Capital Improvements Plan.

GOAL FOUR

TO CREATE AN ECONOMIC CLIMATE CONDUCTIVE TO THE ATTRACTION, RETENTION, AND EXPANSION OF BUSINESS WITHIN WATERFORD

Objective 4-1

Develop and Utilize Township Capacity for Proactive Economic Development

Strategies to Achieve Objective 4-1

- a. Township staff to undertake and facilitate economic development activities and programs.
- b. Develop and utilize printed and electronic information to guide citizens and businesses through the Township's development processes.
- c. Encourage Township staff to analyze, and revise when necessary, the current procedures and policies involving services to the Waterford business and development community for effectiveness, efficiency, and consistency with the Master Plan goals and objectives.
- d. Develop, promote, and implement conceptual plans for areas within the Township to focus redevelopment efforts.
- e. Explore and aggressively utilize all available economic development, planning, and analysis tools to actively promote business retention and the relocation of new businesses and technology-based companies to Waterford.
- f. Develop cooperative partnerships, use flexible planning and zoning tools, and actively utilize economic development tools to ensure the continued redevelopment and economic viability of the regional destinations located in the Township.
- g. Encourage and promote the provision of safe, high-speed, and cost-effective modern communication and information systems for use by Waterford businesses.
- h. Establish a rational tax abatement incentive policy.

Objective 4-2
Market Waterford Township as a Destination for Business Activities

Strategies to Achieve Objective 4-2

- a. Identify and establish partnerships with other governmental agencies and business organizations to actively promote and market Waterford as a prime business location.
- b. Develop and disseminate marketing materials promoting Waterford Township utilizing all available media.
- c. Promote Waterford as a “One Stop Ready” community, a member of Automation Alley, home of the Oakland County International Airport, and other notable points of interest.

Objective 4-3
**Educate and Inform All Township Boards, Commissions, Committees,
and Authorities on Economic Development Tools and Efforts**

Strategies to Achieve Objective 4-3

- a. Research, develop, and implement ongoing processes to keep the Township Board and all appointed committees involved with economic development fully informed on the various economic tools and funding resources available to Waterford Township.
- b. Provide staff training and development to gain knowledge and awareness of current economic development tools, funding sources, best practices, and innovative techniques and programs.

Objective 4-4
**Promote furthering the Physical Appearance and Functional Character
of the Township’s Commercial Corridors**

Strategies to Achieve Objective 4-4

- a. Develop and implement ordinances, policies, and planning tools to assist with the aesthetic, social and functional improvement of the Township’s commercial corridors.
- b. Investigate and, if appropriate, create a Downtown Development Authority to assist in the redevelopment and improvement of the commercial corridors.
- c. Develop, implement, and promote traffic calming and access management regulations and policies as a means of enhancing the commercial corridors.
- d. Pursue and maintain cooperative relationships with the public road agencies to investigate, plan, and construct aesthetic and functional improvements of the Township’s commercial corridors.
- e. Promote commercial corridor infrastructure for both motorized and non-motorized transportation.
- f. Develop partnerships with governmental agencies, business organizations, and business owners to improve the aesthetic, social and functional qualities of the Township gateways and commercial corridors.
- g. Establish and support the Corridor Improvement Authority created by Township Ordinance in the exercise of its powers to correct and prevent deterioration, promote economic growth, development and redevelopment, and enhance the commercial corridor development areas described in the Ordinance.

- h. Identify priority corridor and gateway improvements for possible incorporation into the Capital Improvements Plan.

GOAL FIVE
TO INCREASE AND IMPROVE RECREATIONAL OPPORTUNITIES
FOR WATERFORD CITIZENS

Objective 5-1
Develop, Construct, and Maintain in One Central Location
a Full-Scale Community Center to Serve All Age Groups

Strategies to Achieve Objective 5-1

- a. Propose and promote a phased plan of development and funding to create a dynamic recreation center that will be supported by the citizens and serve the community for the foreseeable future.
- b. Provide indoor/outdoor swimming facilities to meet the community's recreation, fitness, therapeutic, and scholastic swim needs.
- c. Provide a playground area for younger children.
- d. Secure public input on all other recreational, fitness, and service facilities that would be supported by Township residents as part of a new community center.
- e. Research and analyze all potential funding sources and options.

Objective 5-2
Promote Recreational Utilization of the Clinton River

Strategies to Achieve Objective 5-2

- a. Educate the community about the presence, importance, and threats to the Clinton River.
- b. Sponsor and promote projects, programs, and annual events to clean up, restore, preserve, and protect the Township's river resources.
- c. Sponsor and promote Clinton River educational and recreational projects, and programs such as canoeing, kayaking, and fishing.
- d. Work with the Clinton River Watershed Council to sponsor an adopt-a-river program by businesses and service organizations for different segments of the river.
- e. Identify and recognize the importance and potential uses of or related to the Clinton River in the Riverwalk Master Plan described in Objective 3-2.
- f. Partner with the local schools in developing curriculum centered on the importance and ecological fragility of the Clinton River.

Objective 5-3
Promote Increased Access and Use of Existing Parks

Strategies to Achieve Objective 5-3

- a. Provide and maintain effective safety path access to all Township parks.
- b. Develop and implement a playground equipment maintenance and improvement schedule to ensure child safety and modernized facilities.
- c. Explore opportunities for creating dog parks, or using a portion of an existing park for the purpose of developing and maintaining pet run areas.
- d. Conduct periodic studies and analyses of existing parks' utilization to assess use patterns and evaluate implementation of other recreational uses.
- e. Create better access to, and promote utilization of, Elizabeth Lake Woods, including trails and interpretive observation areas.
- f. Develop and maintain directional signage to the parks and identification signage for natural features, river and stream crossings, and watershed boundaries.
- g. Ensure that the area currently occupied by the Drayton Plains Nature Center is linked to the Waterford Riverwalk system.
- h. Preserve and protect the area currently occupied by the Drayton Plains Nature Center as a nature center.
- i. Include passive recreation areas and activities in the Recreation Plan.
- j. Develop and disseminate marketing materials promoting Waterford Township Parks utilizing all appropriate media.

Objective 5-4
Encourage Playground Areas in Neighborhoods

Strategies to Achieve Objective 5-4

- a. Investigate opportunities for establishing and maintaining small playground or picnic areas within, or adjacent to, neighborhoods.
- b. As necessary, revise and strengthen Zoning Ordinance requirements for the establishment and maintenance of neighborhood park areas within new developments.
- c. Investigate the development of a neighborhood enhancement grant program that utilizes state and federal funding sources to enable neighborhood associations to create neighborhood parks.

Objective 5-5
Encourage Diverse Recreation Opportunities for Waterford Citizens

Strategies to Achieve Objective 5-5

- a. Provide for staff training and development to gain knowledge and awareness of innovative recreational facilities and programs.
- b. Research and analyze deficiencies in the provision of recreation services within the Township to assess the feasibility of establishing and funding new facilities and programs.
- c. Promote establishment of innovative and diverse recreational facilities and programs.

GOAL SIX
TO ENSURE AND ENFORCE LAND USE DEVELOPMENT PRACTICES
THAT ARE SENSITIVE TO WATERFORD'S NATURAL ENVIRONMENT

Objective 6-1
Promote Open Space Developments

Strategies to Achieve Objective 6-1

- a. Research and identify possible revisions to the Township ordinances which provide tools for housing developments that preserve substantial areas of open space and reasonable and flexible requirements, such as measured adjustments in zoning bulk regulations.
- b. Encourage and promote the preservation of some uplands for common use as a requirement in open space and cluster developments.
- c. Encourage and promote private preservation of open space through conservation easements, dedications, and stewardship programs.
- d. Encourage and preserve natural resource corridor links between natural areas, recreation areas, parklands, and schools.
- e. Research, evaluate, implement, and enforce revisions to the Zoning Ordinance to require that within new housing developments, a sufficient amount of property be dedicated for quality of life features such as parks, open space, natural areas, and native landscaping.

Objective 6-2
Ensure All Development Efforts Respect, Preserve,
and Protect Waterford's Natural Characteristics and Constraints

Strategies to Achieve Objective 6-3

- a. Continue the enforcement of rational wetland protection to preserve wetlands in their natural state as a high priority, protect water quality, stabilize stormwater runoff, recharge groundwater, and provide fish and wildlife habitat.
- b. Enforce ordinance requirements for practical woodlands conservation to protect water and soil quality, improve air quality, buffer noise, moderate climate hazards, preserve wildlife diversity and habitats, and enhance community aesthetics.
- c. Promote, inform, and encourage citizens on the use of native plant material to minimize the hazardous effects of invasive species.
- d. Encourage preservation of natural contours and minimize mass grading alterations.
- e. Require the preservation and protection of groundwater recharge areas as open space or low density uses to retain as much permeable surface and water holding characteristics as possible.
- f. Promote and enforce the protection of groundwater recharge areas from pollution through the regulation of land uses which may discharge wastes into the hydrological cycle.
- g. Promote the preservation of natural vegetation and topographical features along stream corridors and waterways by restricting these areas to uses offering little danger of topographical disturbance, water quality degradation, stream channel alteration, runoff or sedimentation increase.

- h. Utilize appropriate communication methods to educate the community on the care and use of herbicide and fertilizer sprays to preserve and protect stream corridors, waterways, and the natural drainage and runoff pattern associated with them.
- i. Develop and maintain natural area inventories that include assessments for quality, location, health, and species provided by other governmental agencies.
- j. Preserve, and protect the natural areas essential to maintaining Waterford's unique heritage and character, which provide a diverse high-quality wildlife habitat.
- k. Advocate the establishment of a prohibited planting materials list based upon invasiveness and ecological impacts.
- l. Maintain strict enforcement of requirements for soil and sedimentation control during development.
- m. Actively work with responsible agencies to maintain an accurate list of leaking underground storage sites.
- n. Develop and utilize a Township Open Space and Natural Area Management Plan to assist in evaluating future rezoning and site plan approvals as well as potential open space acquisition.

GOAL SEVEN
TO RETAIN, ENHANCE, AND PROMOTE WATERFORD'S
UNIQUE CHARACTER, SENSE OF COMMUNITY, AND IDENTITY

Objective 7-1
Expand, Enhance, and Improve the Aesthetics and Historic Preservation
of the Waterford Village Historic District

Strategies to Achieve Objective 7-1

- a. Research and plan for the installation of decorative lighting, signage, and barrier-free safety paths along District streets (*Please refer to Map 10 on Page 7-47 in Chapter 7 for the location of the District*).
- b. Inventory and evaluate existing vacant land in the District and evaluate and recommend adaptive reuse of existing structures that will enhance the District as a community destination.
- ~~e. Research, evaluate, and improve the regulatory powers and effectiveness of the Township's Historic District Ordinance.~~
- ~~d. Explore the expansion of the original District boundaries by encouraging properties to join the Historic District.~~
- ~~e.c.~~ Explore, develop, and utilize stable funding sources and financing tools for restoration, improvement, and small business development in the District.
- ~~f. Develop and implement ongoing communication with District property owners to inform them of District regulations and expectations.~~
- ~~g.d.~~ Develop, promote, and implement a conceptual Historic District area plan to focus and guide redevelopment efforts.

Objective 7-2
Plan and Encourage Development of Neighborhood Nodes

Strategies to Achieve Objective 7-2

- a. Develop, promote, and implement a conceptual plan for each area identified in the Master Plan as a neighborhood node to focus and guide development and redevelopment efforts.
- b. Develop, promote, and maintain the Township Civic Center area as a community gathering place.

Objective 7-3
Establish and Enforce a High Standard for the Physical Condition of the Township Housing Stock

Strategies to Achieve Objective 7-3

- a. Revise and enforce Township ordinances as necessary to require inspections of rental housing, property maintenance code enforcement, and elimination of blighting effects and influences.
- b. Research, evaluate, and revise the Zoning Ordinance to include flexible planning and zoning tools, and requirements which encourage and promote quality redevelopment of the Township's existing housing stock.

Objective 7-4
Assist Service Organizations to Expand and Market Programs and Services

Strategies to Achieve Objective 7-4

- a. Develop and implement an information gathering and dissemination process using appropriate media to inform new and current Waterford residents of area community services.
- b. Advocate the elimination of public service duplications of effort, promote consolidated and partnering public service efforts, and work to eliminate service gaps.
- c. Develop and maintain a current database of community service organizations and the services they offer within Waterford Township.
- d. Publicize and promote volunteer opportunities and efforts using appropriate media.

Objective 7-5
Strengthen Communication Partnerships between the Township and Governmental Agencies, the Waterford School District, Oakland Community College, Private Schools, and Service Organizations

Strategies to Achieve Objective 7-5

- a. Implement dedication of Township staff, website, and cable resources to the expansion of community communication efforts.

- b. Develop and maintain partnerships between the Township, Waterford School District, Oakland Community College, the business community, and community agencies to promote the Waterford community and the quality of life for citizens and visitors, utilizing appropriate media.
- c. Develop and maintain partnerships between the Township, Waterford School District, Oakland Community College, the business community, and community agencies to implement cooperative cultural planning efforts that will encourage and expand cultural programs and services in Waterford.
- d. Continue and expand proactive communication and information exchange between the Township, Waterford School District, and Oakland Community College to facilitate and achieve common goals.
- e. Continue and expand proactive communication and information exchange between the Township and Oakland County International Airport to facilitate airport land use issues and noise study implementation.
- f. Research, develop, and implement partnership programs between the Township, Waterford School District and/or Oakland Community College to educate students about importance of local government.

FISCAL TOOLS

Waterford Township can increase the effectiveness of its Master Plan implementation efforts by reasonable utilization of available financing tools. The financing of all Township activities is determined through the annual budget process based on available revenues from property taxes, state revenue sharing, fees, the annual federal Community Development Block Grant program, federal, state, county, or foundation grants, and other sources. Providing for a prioritized implementation of the Master Plan goals and objectives as part of the annual budget process will be a key to realizing those goals and objectives over time.

The Township has also established an Economic Development Corporation and Brownfield Redevelopment Authority, has provided for a Corridor Improvement Authority, and has established Commercial Rehabilitation and Industrial Development Districts for parts of the Township, to assist with economic development policy and to finance projects which meet the established criteria. There may be other existing or future legislation that provides the Township with similar tools, all of which should be reviewed and considered as related to furthering the goals and objectives of this Master Plan. The adoption of a rational tax abatement policy, use of the Township's special assessment authority, and the selling of municipal bonds are additional tools that could be used to facilitate or fund activities consistent with Master Plan Goals and objectives in appropriate situations.

The Township can also increase the fiscal effectiveness of the Master Plan implementation through strategic planning and the active participation by the Township Board and Departments in the annual capital improvements planning process the Planning Commission is responsible for under the Michigan Planning Enabling Act as described in Objective 1-6, the results of which could be considered in determining expenditures as part of the annual budget process

LEGISLATIVE POLICY-MAKING

The Township Board will play a critical role in the implementation of the Master Plan. It is recommended that the Township Board actively promote the Master Plan by public communications, working with the Planning Commission, and providing the funding necessary to implement the Master Plan goals, objectives, and strategy items.

ADMINISTRATION AND ENFORCEMENT

In addition to following all Master Plan implementation policies established by the Township Board, the Development Services Department staff should facilitate Master Plan implementation by educating all Township personnel about the Master Plan as a Township-wide policy document that needs to be actively implemented and promoted. The Development Services staff should also actively involve other departments in Master Plan implementation efforts, including program and project development. Township departments should also focus on reviewing and revising department procedures and actions to ensure Master Plan implementation. The review and development of proposed ordinances necessary to implement the Master Plan is another important task that the Township administrative departments need to pursue. Finally, each department should actively enforce the laws, policies, and procedures established to accomplish Master Plan goals and objectives.

CITIZEN EDUCATION AND PROMOTION

It is essential that ongoing education efforts be undertaken to ensure that citizens are aware of [and](#) support Master Plan implementation, to educate citizens on the Master Plan, and promote Master Plan goals and objectives. An active planning education program should be promoted and established as part of the public school curriculum.

The Development Services Department should take an active role in utilizing appropriate media, such as the Township website, cable, printed brochures, community calendars, and new resident packets.

EVALUATION

Although the Michigan Planning Enabling Act calls for a Planning Commission review at least every five (5) years to determine whether to commence the procedure to amend this Master Plan or adopt a new master plan, on at least an annual basis, the Planning Commission will review the progress toward implementation of the Master Plan and evaluate whether any adjustments to the implementation process or amendments of the Master Plan are or may be appropriate under an evaluation process that may include an ongoing strategic planning process, progress reports, proposed or desired timelines for accomplishing the strategy items, and staff reports on areas of concern identified by the Planning Commission.

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APPENDICES

The following Appendices described in the 2003 - 2023 Master Plan are no longer considered part of the Master Plan because they were not completed as contemplated, or are no longer necessary or appropriate for inclusion:

- J.** Zoning Ordinance and Landscape Aesthetics Subcommittee Minutes
- L.** Traffic Analysis
- M.** Transportation Plan
- O.** Capital Improvements Plan
- P.** Neighborhood Node and Area Concept Plans
- Q.** Zoning Ordinance and Landscape Aesthetics Subcommittee Final Report

CHAIRPERSON CERTIFICATION STATEMENT

As the Chairperson of the Charter Township of Waterford Planning Commission, I hereby certify that this Master Plan 2003 – 2023 Update Amendment was approved by the Planning Commission on _____, 2020.

Date

Sandra Werth, Chairperson

SECRETARY CERTIFICATION STATEMENT

As the Secretary of the Charter Township of Waterford Planning Commission, I hereby certify that a copy of this approved Master Plan 2003 – 2023 Update Amendment was submitted to the Township Board of Trustees by delivery to the Township Clerk on _____, 2020.

Date

Matt Ray, Secretary



CHAPTER 2 – INTRODUCTION

WHAT IS PLANNING?

Municipal planning is a critical component of local government's ability to provide the physical and social infrastructure for the general health, safety, and welfare of its citizens. Successful planning must include a citizen participation process that involves the conscious selection of policy choices to guide the future land use, growth, and development in the community. The primary long-range planning tool of the community, the Master Plan, is the only official Township document that sets forth policies to guide future land use in the community.



Waterford Township Hall



The Township derives its authority for the preparation of a master plan from the Township Planning Act, P.A. 168 of 1959 (as amended in 2001) along with the Michigan Planning Enabling Act, P.A. 33 of 2008. Section 6 of Public Act 168 states in part:

The Township planning commission shall make and approve a basic plan as a guide for the development of unincorporated portions of the township. As a basis for the plan, the township planning commission may do any of the following: (1) Make inquiries,

investigations, and surveys of all the resources of the township (2) Assemble and analyze data and formulate plans for the proper conservation and uses of all resources, including a determination of the extent of probable future need for the most advantageous designation of lands having various use potentials and for services, facilities, and utilities required to equip those lands...

HOW IS THE MASTER PLAN TO BE USED?

When prepared with the support and participation of the stakeholders and community at large, the Master Plan serves many functions and is to be used in a variety of ways.

1. The Master Plan is a general statement of the Township's current and future goals and policies. It provides a single, comprehensive view of the community's vision for its future.
2. The Master Plan serves as an aid in daily decision-making. The goals and policies outlined in the Master Plan guide the Planning Commission and Township Board in their deliberations on zoning, subdivision, capital improvements, economic development, environmental protection, and other matters relating to land use and development. The policy orientation of the Master Plan provides decision-makers and Township departments with a framework and basis for analysis, advice, and decisions. This does not imply that the Master Plan is a static statement; the Master Plan should recognize the dynamic character of the community. The variables upon which this Master Plan is based will likely change over time and shall be updated in the form of Master Plan amendments. However, adherence to the goals and policies will provide a stable, long-term basis for decision-making.
3. The Master Plan provides the statutory basis upon which zoning decisions are based. The Township Zoning Act (P.A. 184 of 1943, as amended) requires that the Zoning Ordinance be based upon a plan designed to promote the public health, safety, and general welfare. The Master Plan, both text and maps, do not replace or override Township Ordinances, specifically the Zoning Ordinance and Map. Instead, the Zoning Ordinance is the primary legal and enforcement tool that a community can use to implement the Master Plan.
4. The Master Plan can be a dynamic tool useful in implementing the vision for economic development and infrastructure redevelopment. The Master plan should be utilized so that public and private investments can be combined and guided to those areas and for those goals and objectives identified as creating the greatest positive impact for the citizens of Waterford.
5. The Master Plan can also be a vibrant instrument for achieving the goals and objectives outlined for enhancing and expanding the social and community services of the Township. The Master Plan can be used by various community groups to gain insight into the needs of the community.
6. The Master Plan is an educational tool and gives citizens, property owners, developers and adjacent communities a clear indication of the Township's direction for the future. As such, it is critical that the educational process continues over the life of the Master Plan. Too often, the community is educated on the Master Plan only when it is adopted; a truly dynamic Master Plan is only viable when it is part of the community's consciousness.

In summation, the Township Master Plan is the only officially adopted document that sets forth an agenda for the achievement of goals and policies for the entire Township. It is a long-range statement of general goals and policies aimed at the unified and coordinated development of the Township. As such, it provides the basis upon which zoning and land use decisions are made.

Including Chapter 1, the Executive Summary, and Chapter 2, the Introduction, the Waterford Township Master Plan is comprised of the following Chapters:

- **Chapter 3 - Geography and Brief History of Waterford**
- **Chapter 4 - Organization of Waterford Planning and Zoning**
- **Chapter 5 - Background Studies Summary**
- **Chapter 6 - The Waterford Master Planning Process**
- **Chapter 7 - Subcommittee Goals and Objectives**
- **Chapter 8 - Future Land Use Plan**
- **Chapter 9 - Implementation**

In addition, this Plan includes Appendices containing the complete set of minutes for each subcommittee, a full text of the background studies, analysis data gathered during the Master Plan process, a traffic analysis, a communities facilities analysis, and sections reserved for the Capital Improvements Plan, Transportation Plan, and plans developed by other governmental agencies which are interrelated with this Master Plan.



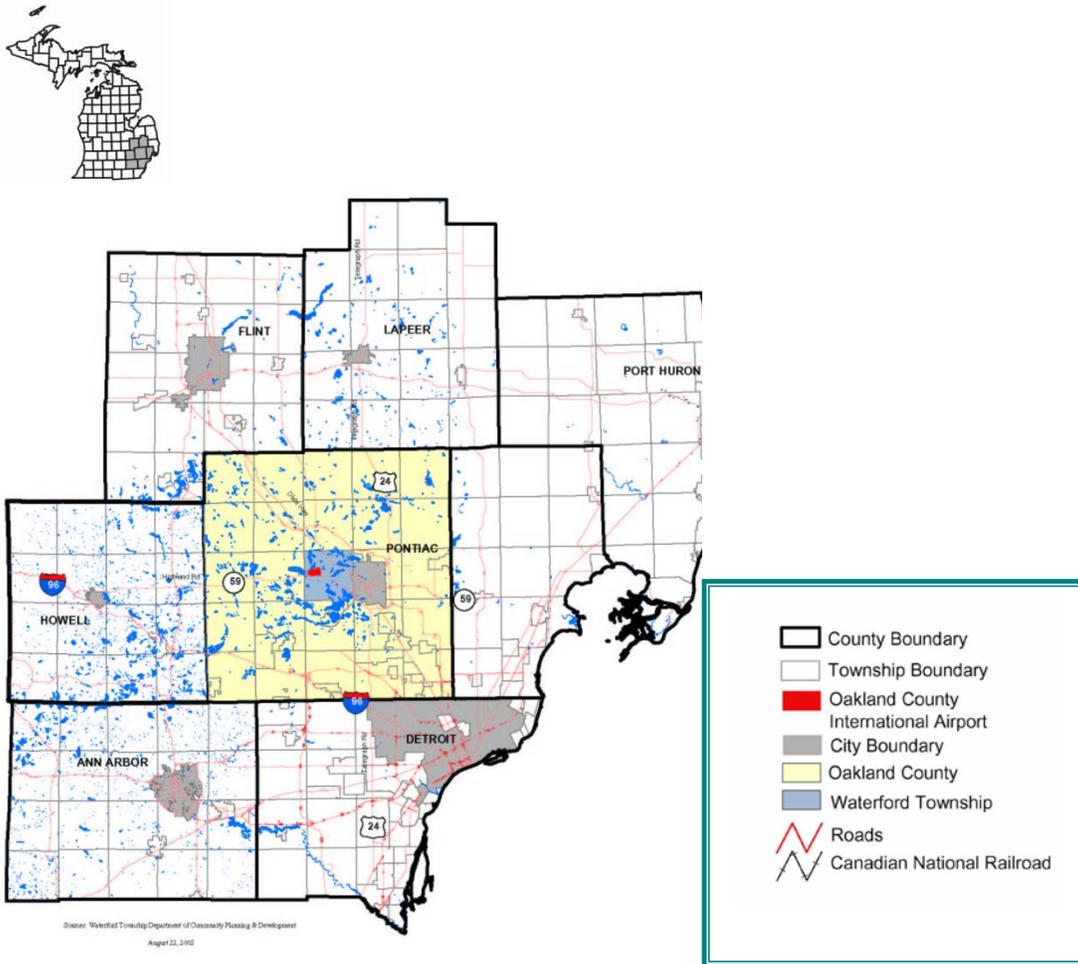
CHAPTER 3 – GEOGRAPHY AND BRIEF HISTORY OF WATERFORD TOWNSHIP

GEOGRAPHY

Waterford Township, comprising approximately 35 square miles, is located in the geographic center of Oakland County, Michigan. As shown in Map 1, the general location of the Township is in the northwestern portion of the greater Detroit metropolitan area. Waterford borders the Cities of Lake Angelus, Pontiac, and Auburn Hills on the east; the Townships of Springfield, Independence and Orion on the north; the Township of White Lake on the west; and the cities of Sylvan Lake and Keego Harbor, and the Townships of Commerce and West Bloomfield on the south. Waterford is 30 miles northwest of downtown Detroit, 25 miles southeast of Flint, 55 miles east of Lansing, and 35 miles northeast of Ann Arbor.

Map 1

Location of the Charter Township of Waterford



Geology

The geology of Waterford Township has been visibly influenced by the glacial history of the United States. Large areas of glacial deposition occurred in the south-central portions of Michigan, including Waterford Township, as evidenced by the existing topography, deposits of glacial drift, and the presence of the many lakes in the Township. The topography of the Township is generally low rolling hills with variations on a minor scale, existing throughout the majority of the area. Land elevations differ between 930 feet and 1,104 feet above sea level.

Climate

The climate of this area is typical of that of the rest of the State of Michigan and other Midwestern states. There are four distinct seasonal changes in the climate, with a moderate growing season from late April to early October. The temperature ranges from an average maximum of 82° Fahrenheit in July to an average minimum of 16° Fahrenheit in January, with an annual mean temperature of 48° Fahrenheit. Annual precipitation averages about 30 inches, with February averaging the lowest monthly precipitation at 1.49 inches and June averaging the highest monthly precipitation at 3.16 inches.

Natural Features

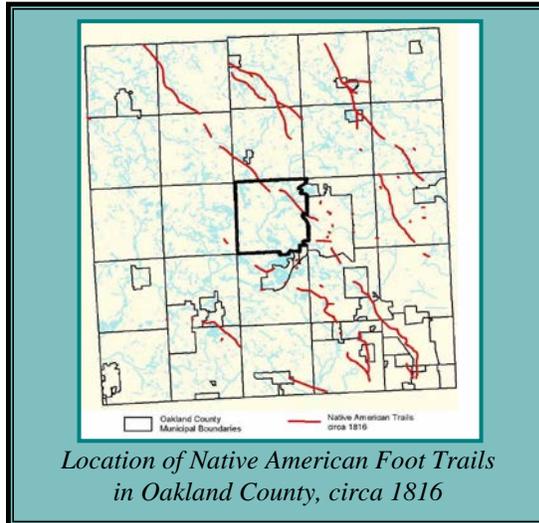
Perhaps the most outstanding natural attraction in Waterford Township is the abundance of water bodies. To a great extent, the opportunity to live near one of these water bodies has been the prime catalyst for Waterford's population growth. Waterford has more than 34 lakes, containing 3,080 acres, which provide ample year round recreational activities. In addition, the main branch of the Clinton River runs through the approximate center of the Township from north to south. Several large wetland areas are also located throughout the Township, particularly in the southwest quadrant of the Township and adjacent to the Clinton River flood plain.

In addition to the lakes and the Clinton River, Waterford Township is fortunate to have two state parks located within its boundaries. Dodge Park No. 4 features an excellent beach on Cass Lake. Pontiac Lake State Park, in addition to a large lake and beach, offers archery and rifle ranges as well as hiking and biking trails that attract outdoor enthusiasts from around southeast Michigan. Combined, the two parks total six square miles of state owned park recreational land. The Michigan Department of Natural Resources (DNR) also maintains access sites on six of the large lakes located in Waterford. These lakes are Oakland, Loon, Maceday, Pontiac, Crescent, and Cass. A locally recognized nature preserve called the Drayton Plains Nature Center is located on the Clinton River and encompasses 137 acres in the center of the Township. The Nature Center provides a haven for waterfowl and wildlife and is a stopover site during spring and fall bird migrations. The Nature Center has an education facility that provides outdoor science programs for local school children and for the citizens of Waterford to learn about their natural environs. Within this Nature Center, the DNR utilizes several rearing ponds each spring to raise native game fish, such as Pike and Walleye, which it stocks in lakes and rivers throughout the State. There are also over 600 acres of Township-owned recreation land and over 400 acres of School District-owned recreation land. About one-third of the total recreation land owned by the Township is contained in its largest park, Elizabeth Lake Woods, a natural conservation area located in the south central part of the Township. The first parcels of this park were purchased in the early 1990s with funds provided by The Nature Conservancy and a State of Michigan grant. The parcels were then deeded to the Township. These parcels contain a mature oak forest occurs on sandy knolls paralleling the Clinton River. The oak forest is bordered on either side by floodplain forest and southern swamp. This forest type is of local and regional ecological significance, as estimates show that less than one percent of the original oak forests of Michigan remain intact. In 1987, of the remaining forests types surveyed by the Michigan Natural Features Inventory, Elizabeth Lake Woods ranked second in sites of statewide importance. The sandy tree-covered hills also provide protection for the rare and endangered freshwater mussel communities, which occur in this section of the Clinton River, but are rapidly

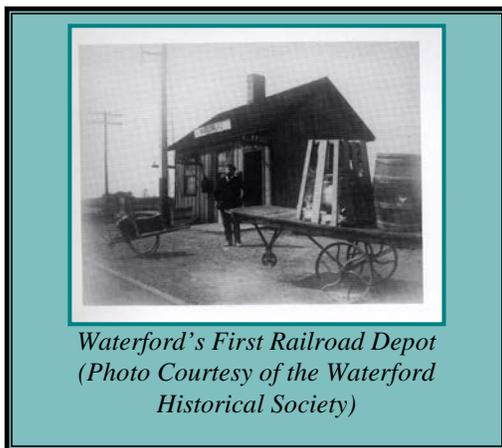
disappearing in other parts of the State. The park provides a tranquil setting for canoers, hikers, and wildlife enthusiasts looking for an escape into nature. *(Please refer to Map 9 on Page 7-35 for general location of parkland and public open space).*

Transportation Links

The Township's landscape has been affected over the years by efforts to create means of moving to and through the Township. The earliest transportation impact on the natural landscape was relatively minor, and was that of Native Americans moving along the Clinton River and the various lakes by canoe. In addition, native Americans initiated a foot trail that provided a way through Waterford, along a route where Dixie Highway and the railroad currently exist. As European settlers began moving into the area, this foot trail developed into the Saginaw Trail. The Saginaw Trail provided the primary route for horse-powered transportation through Waterford and to the first village areas that developed around this early transportation route.



*Location of Native American Foot Trails
in Oakland County, circa 1816*



*Waterford's First Railroad Depot
(Photo Courtesy of the Waterford
Historical Society)*

After the development of steam-powered rail transportation, a section of the Detroit and Milwaukee Railroad was built parallel to the Saginaw Trail in 1842. The location of the railroad line continued to concentrate human settlement in this area of the Township until the advent of the automobile. This freight rail line, now owned by the Canadian National Railroad, is still active. The railroad's impact on the surrounding environment has been minimized since there is little new development dependent on rail transport.

Waterford's geography has had a major impact on the Township's road system. Because of the numerous lakes, the traditional grid road system was not feasible. Most of the secondary road system meanders, with no existing single road to directly access sections of the Township in a north-south direction. Waterford's landscape does possess three principal regional highways through the Township, all of which serve as the Township's primary commercial corridors. Dixie Highway (U.S. 10) follows the original route of the Saginaw Trail, passing diagonally across the northeastern portion of the Township from the border with the City of Pontiac in a northwesterly direction to the border with Independence Township. Telegraph Road (U.S. 24) forms the principal eastern boundary with Pontiac and serves as the gateway into the Oakland County government complex. Highland Road (M-59) traverses the center of the Township in an east-west direction and is the gateway to the Oakland County International Airport. These three principal regional highways also serve as Waterford's primary access to the region's major interstate highways, I-75, I-96, I-696, US-10 and US-23.

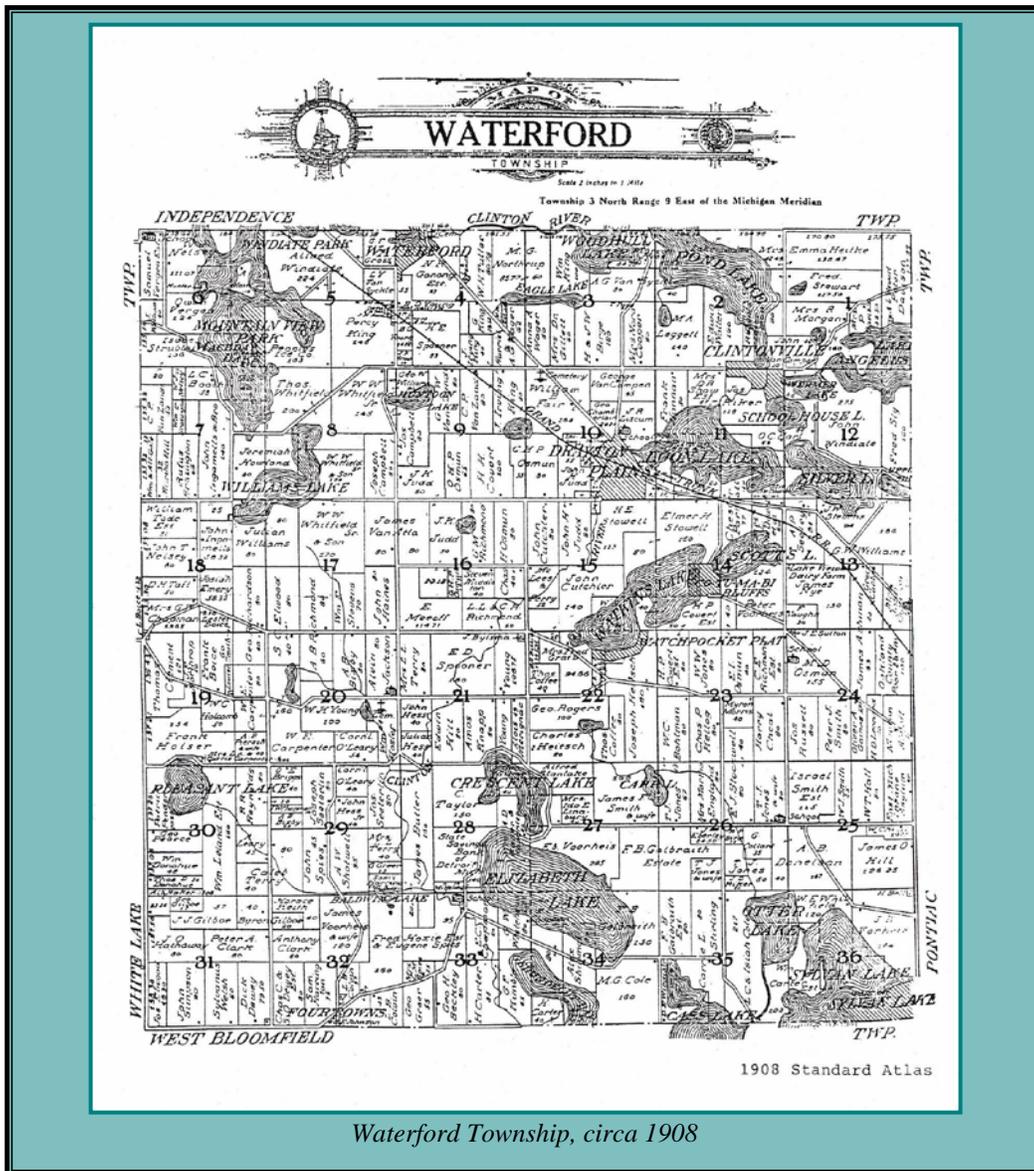
In addition, the region's premier general aviation facility, the Oakland County International Airport, is located on M-59 in the western portion of the Township. This airport opened in 1928 and is Michigan's second busiest airport based on take-offs and landings. The Airport continues to

influence land use and the geographic features of the Township. Land uses affiliated with an airport use, the height of buildings throughout the Township, the location of residential properties, maintenance of clear zones along runway paths, and traffic patterns will continue to be affected by airport operations.

HISTORY

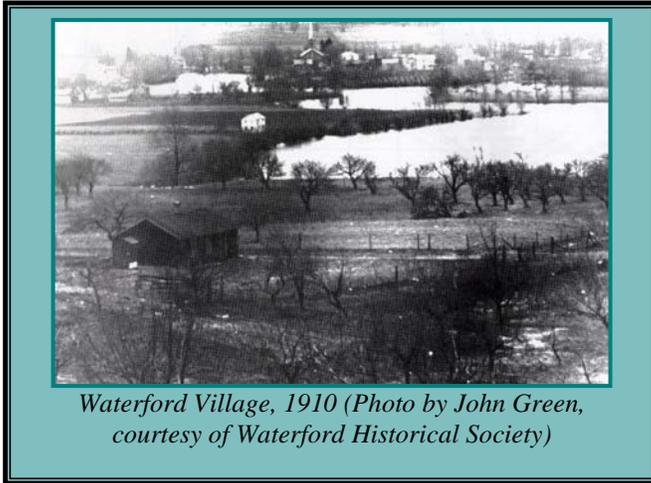
Waterford, organized as a Township in 1835, is nicknamed the “Lakeland Paradise”.¹ It has grown from a wilderness settlement of two families in 1819 to an urban community of 73,150 persons in 2000.

When the first white settlers came to the area, the Shiawassee and Saginaw Indian tribes inhabited the wooded countryside. Chief Pontiac, for whom the City of Pontiac was named, was the area leader of the local Native American tribe. While numerous other tribes hunted in this area, there is no evidence that any tribe made Waterford their year-round residence. Historians suggest this may have been due to the large areas of lowlands and wetlands.



Waterford Township, circa 1908

¹ Samuel W. Durant, *History of Oakland County, 1817-1877* (E. H. Everts and Company, Philadelphia, Pennsylvania, 1877).

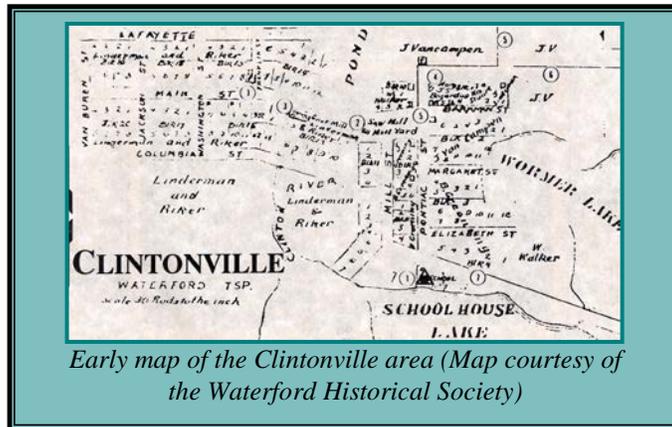


Waterford Village, 1910 (Photo by John Green, courtesy of Waterford Historical Society)

Among the first settlers who came to Waterford were two unrelated families named Williams. Major Oliver Williams, his wife and family of eight children journeyed up the Saginaw Trail from Detroit, taking two days and one night for the trip. In March 1819, they built a log house on the banks of what is now Silver Lake. Also in 1819, Alpheus Williams settled his family in the area where the Saginaw Trail crossed the Clinton River, as did Archibald Phillips. This site developed into Waterford Village, which is now a designated historic district in the Township (please refer to Map 10 on

Page 7-47). Records show that the Williams families each paid \$2.00 an acre for their land. The first school classes in Waterford were held in 1821 in an old sheep shed on the farm of Oliver Williams. In 1822, a schoolhouse was built and 12 pupils attended their first classes. The second school was built in 1828 and was also used for town meetings, church services and recreation programs for the early pioneers.

In 1834, two other village areas developed within the Township. One settlement named “Clintonville” developed around what is now the intersection of Walton Boulevard and Clintonville Road. Another, named “Drayton Plains”, developed around the area of the Dixie Highway and Frembes Road intersection. All three areas became rival pioneer villages as rural community gathering places and shopping nodes, with a mix of general stores, shops, small factories, taverns, mills, hotels, post offices, and railroad stations to serve the local farming community and travelers throughout the area. The last surviving structure from this pioneer village era is the general store that was known as Jacober's Store. This structure was located at the Andersonville Road and Dixie Highway intersection until it was moved to a permanent location at Greenfield Village.



Early map of the Clintonville area (Map courtesy of the Waterford Historical Society)

None of the three village areas ever incorporated, although the residents of the area maintained a strong identification with the old village area names. In fact, Drayton Plains maintained its post office designation into the early 1990s. The village areas remained unincorporated, serving as community activity centers and gathering places into the twentieth century.

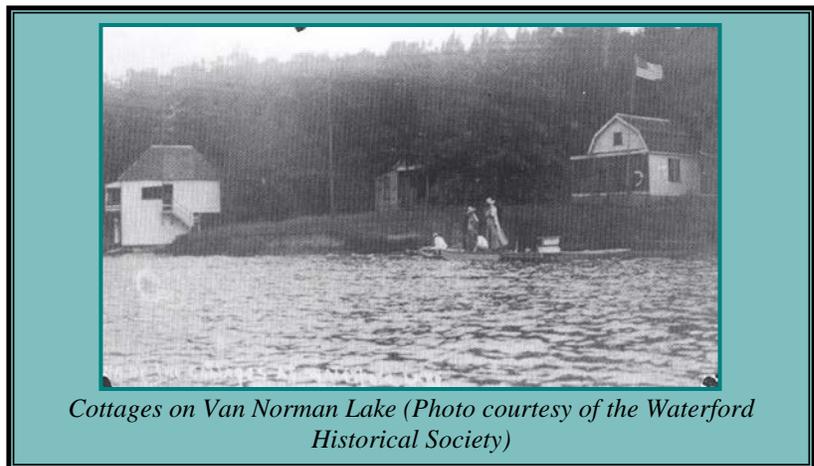
The 1877 History of Oakland County states that “Waterford Township derived its name from the circumstance of its containing so large an area of water surface.”² There is still some speculation as to how the Township came to be named Waterford. There was a ford across the Clinton River and some say that it was a result of this crossing that the area was named Waterford. The exact location of the river crossing is not known but it was either in the Drayton Plains area near the old hatchery ponds located at the Drayton Plains Nature Center, or at the point where the Saginaw Trail crossed the river in the Waterford Village area. The area named Drayton Plains was thought to be named after a mill Daniel Windiate owned when he lived in England.



Alec Seeterlin, father of former Township Supervisor James E. Seeterlin, operating his grain binder on his Lochaven Road Farm (Photo courtesy of the Waterford Historical Society)

After the initial settlements, people from widely scattered parts of the east and south of Michigan began to migrate to the Waterford area to begin new lives. Many of them traveled the Erie Canal from the eastern states, through Detroit, and into Waterford via the Saginaw Trail and eventually by railroad. After the Civil War, Waterford Township experienced a small growth spurt due to government land grants to war veterans. Large farms predominated throughout the 35 square miles within the Township. The Township's population grew to around 400 people by 1870.

By the 1920s, the population of Detroit and Pontiac had increased dramatically as people migrated to both cities for jobs in the new automobile industry. This migration had a long-term effect on Waterford. Initially, the railroad between Detroit and Pontiac made it possible for the auto workers in Detroit to travel up to the lakes area, use their growing income to purchase land to build summer cottages on the many lakes, and then commute with their families during the summer months. As automobiles became more affordable to workers and reliable road systems were built to handle the growth in traffic, workers found it easier to consider year-round lake living while making a daily commute to their factory jobs. This impact on Waterford can be shown in the doubling of the population every ten years between 1930 and 1960. The population went from 7,942 in 1930; to 12,019 in 1940, to 24,275 in 1950; to 47,008 in 1960.



Cottages on Van Norman Lake (Photo courtesy of the Waterford Historical Society)

² Durant, *History of Oakland County, 1877*

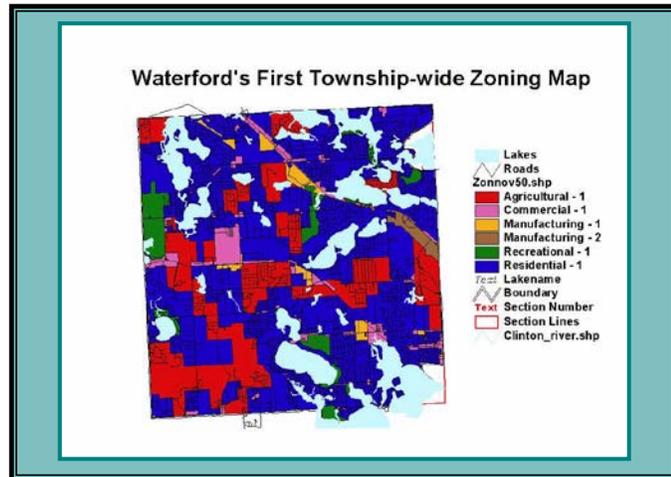
By 1941, the population growth prompted Waterford's elected officials to hold their first zoning effort, which, as with many communities, preceded the adoption of a formal Master Plan. In January 1941, a building zone ordinance was passed for the Elizabeth Lake Estates area. This early zoning effort established four zoning classifications, Residential-1 through-3 and Commercial-1. Each zoning classification set standards for rear, front, and side yard size, height, lot area, building area, and building size. The residential minimum lot sizes ranged from 7,500 square feet to 15,000 square feet. Also in 1941, Waterford opened a new Township Hall at the corner of M-59 and Crescent Lake Road. At the time, this Township complex was large enough to house all of the Township personnel.

It was not until November 1950 that the first Township-wide Zoning Ordinance was passed. Under the 1950 Zoning Ordinance, six zoning district classifications were established, Residential-1, Commercial-1, Manufacturing-1, Manufacturing-2, Agricultural-1, and Recreation-1. In April 1952, Waterford adopted its first Building Code.

In the early 1960s, Waterford continued to strengthen its ability to guide the growth of the community.

The Township decided to take advantage of the additional authority and powers to perform desired governmental duties under the Charter Township Act by becoming a Charter Township in 1961. In 1963, the Township Board established Ordinance Number 45, a new Zoning Ordinance which included eleven (11) zoning districts. There were now provisions for two agricultural districts, two single-family residential districts, two multiple-family residential districts, two industrial districts, two recreational districts, and one parking district. The minimum lot sizes for residential use ranged between 9,100 square feet to 12,000 square feet. There was a one-acre minimum for the dwindling agricultural uses in the Township.

Because of the conversion of Waterford from an agricultural community into a bedroom residential community, by the early 1960s there was commensurate growth in commercial development along the major roads. Between 1958 and 1962, the number of retail establishments nearly doubled, from 256 to 436. Twenty-eight percent of this increase was due to the construction of the Pontiac Mall, which is now known as the Summit Place Mall and soon to be renamed the Festivals of Waterford. In order to attempt to plan for the continuation of this growth, the Township took advantage of the federal Urban Planning Assistance Grant funding to prepare its first Master Plan. Five volumes of background planning studies were published in 1963 and 1964. Waterford's first Comprehensive Development Plan was published in April 1965. The Plan envisioned a community consisting primarily of single-family residential, several areas of low-density multiple housing, four small areas devoted to high-density multiple housing, commercial designations located in the Pontiac Mall area, along Elizabeth Lake Road, and in the Union Lake, Waterford Village, Drayton Plains, and Clintonville areas. Industrial areas were shown in the center of the Township and along Dixie Highway. Research industry and office spaces were clustered around the Airport. This Plan also envisioned road improvements, construction of Township water and sewer systems, a new Township Hall, fire stations, a parks and recreation building, construction of sidewalks, and acquisition of property for cemeteries and parkland. At the time the Plan was approved, there were 805 acres of parkland in the Township with an additional 533 acres proposed for acquisition to meet future recreation needs.



In December 1968, Waterford produced its first and only Capital Improvements Program. The Program identified several capital needs for the growing Township. The existing Township Hall, Police Building, and Fire Stations were deemed inadequate and identified for replacement. There was a need for additional fire stations and library space. A new Water and Sewer building and garage had been built in 1964 on the current Civic Center site, located off of Crescent Lake Road north of M-59, to accommodate the staff and equipment needed to operate and maintain the expansion of the Township's water system. A new library building was also built on the Civic Center site in 1965. A Sanitary Sewer Master Plan was adopted in 1965 to implement a Township-wide sanitary sewer system to protect the hydrological environment from the tremendous growth in septic systems that followed the population and housing expansions.

By 1970, the Township population had grown another 26 percent, to 59,123 persons. The community continued to grow as a bedroom community. Multiple housing did grow to occupy 270 acres of land by the mid 1970s. The commercial corridors continued to develop without the formation of a central business district. Growth appeared to occur in a haphazard fashion. Commercial growth did occur at a slower pace due to the national economic instability occurring throughout the nation and the Detroit metropolitan region during the 1970s. Industrial development remained a minor factor in the Township's economic base, occupying only 205 acres of land compared to 670 acres for commercial. In 1975, an update to the 1965 Master Plan was adopted. This Plan provided an emphasis on several important goals: (1) Preserving the residential character of the community while taking full advantage of Waterford's lakeland geography; (2) Encouraging optimum commercial development along the three major highways; (3) Encouraging more industrial development; (4) Acquiring more parkland; and (5) The development of a thoroughfare plan to allow safe movement of both pedestrians and vehicles. No major changes to the future land use map or to the Zoning Ordinance were made at that time.

Significant funding sources became available for physical developments in Waterford during the 1970s. In 1975, Waterford began receiving annual Community Development Block Grant (CDBG) funds from the U.S. Department of Housing and Urban Development. The CDBG funds were used for housing rehabilitation and a variety of public improvement projects such as storm drainage, street paving, and sidewalk installation. CDBG funds were also used to acquire and rehabilitate an historic church in the Waterford Village area, which was established by the Township Board as Waterford's official Historic District in 1977. This facility was then used as office space for the Parks and Recreation Department. Waterford took advantage of new state legislation to establish an Economic Development Corporation, an appointed body able to place full faith and credit behind the issuance of industrial revenue bonds to attract industrial companies to the Township. In the mid-1970s, a Township-wide bikepath plan was developed and a millage passed to fund the implementation of the plan. At the height of the energy crisis in the late 1970s, Waterford received federal energy grant funds that were used to fund the construction of a new three-story Township Hall building in the Civic Center complex. The Township government offices moved to the new building in 1979. The old Township Hall became the main headquarters of the Police and Fire Departments.

Between 1970 and 1980, the Township's population increased an additional 8.7 percent, to 64,250 persons. Multiple housing more than doubled the amount of land it occupied, growing from 270 acres in 1974 to 584 acres in 1989. Besides the tough economic times that began in the 1970s and continued into the mid-1980s, another important factor in the slowing population growth was the reduction in household size that was occurring throughout the country. In Waterford, the average household size declined from 3.50 persons per household in 1970 to 2.86 persons in 1980. In spite of the tough economic times of the early 1980s, commercial land use expanded from 670 acres in the mid 1970s to 1,238 acres at the end of the 1980s. During the same time, industrial land use expanded from 205 acres to 433 acres.

In August 1981, the Township Board adopted Ordinance Number 135, a new Zoning Ordinance to replace the one adopted in 1963. Overall, the format and content of the new Ordinance was nearly identical to the former Ordinance and was meant to consolidate the eighteen years of revisions to the old Ordinance. There were three major changes. First, acknowledging the demise of agricultural Waterford, the two agricultural land use districts were eliminated and replaced by a district named "Suburban Farm", which allowed for large parcel single-family residential with the remnants of agricultural pursuits. Second, an additional residential district for the construction of duplex housing units was established. Finally, an industrial/technical office district was established.

By the late 1980s, vocal groups of citizens expressed concerns for growth and the effects on the natural environment of the Township. These groups called for the Township Board to establish a moratorium on multiple housing and raised concerns about the protection of the Township's wetlands and woodlands. The moratorium failed due to legal issues, but the Township responded by adopting ordinances to regulate wetlands and woodlands.

The efforts for better environmental quality continued into the early 1990s as the Planning Commission developed a new Master Plan. The 1991 Master Plan reflected the environmental awareness of the citizens by including the protection of wetlands and groundwater as priority goals. The Plan, like its predecessor, envisioned a community consisting primarily of single-family residential. There were substantially more areas of multiple housing shown on this Master Plan map. Commercial land use expanded along the length of M-59, Telegraph Road, and Dixie Highway. Industrial remained nearly identical on both maps. Research industry uses nearly disappeared from the map and office land uses were scattered throughout the Township.

The concerns over growth occurred at a time when the Township experienced the lowest rate of population growth in its history. In 1990, there was a 3.8 percent growth in population, to 66,692 persons. During the 1990s, over 38 percent of the developed land was devoted to single family housing. The concerns over growth of multiple housing in the Township appeared to have a negative effect on the continued development in the 1990s since only 97 additional acres were developed as multiple housing. The average household size continued to decline, to 2.59 persons per household. Commercial land use remained relatively static, using approximately 1,200 acres by the end of the 1990s. During the 1990s, industrial land use increased slightly to nearly 500 acres. The Township began the 1990s with the failure to pass a millage necessary to fund the construction of a community recreation center. The decade ended with an expanded central library building and plans for the construction of three new buildings to house the Fire Department, Police Department, and Department of Public Works.

The year 2000 saw the population of the Township increase by 9.7 percent, to 73,150 persons. The average household size declined again, this time to 2.42 persons per household.

A slowdown in the American economy began in late 2007 and ended in the summer of 2009. The 2010 Census showed that the Township's population dropped to 71,707 persons. The average household size dropped to 2.40 persons per household. The median value of all owner-occupied homes in the State fell by nearly 20 percent, to \$123,000. The number of people employed in Michigan declined by 440,000.

In 2014, the Waterford Board of Education closed four (4) elementary schools. Adams, Burt, Sandburg and Waterford Village elementary schools will be closed permanently due to out-migration and the aging of Michigan's population. The number of K-12 students has since declined by 8.98 percent. Since 2010, the Waterford School District has seen a decline of a 1,000 students.

The development phase of the Township is nearing its end, with over 92 percent of the land being developed. As it looks to its future, the Township must now face the challenges of redevelopment, economic development, and quality of life issues. The Planning Commission began the current Master Plan process to guide Waterford to successfully meet these new challenges and continue the progress that has guided Waterford throughout its history.



CHAPTER 4 - ORGANIZATION OF WATERFORD PLANNING AND ZONING

BOARDS AND COMMISSIONS

The Township has a number of official bodies associated with the planning and development of the Township. A brief description of each body and its function in relation to planning is provided.

Township Board

The Township Board is the legislative body of the Township and consists of the Supervisor, Clerk, Treasurer, and four Trustees. All Board members are elected to four-year terms. The Township Supervisor recommends, and the Township Board appoints, individuals to serve on the Planning Commission, Zoning Board of Appeals, Economic Development Corporation, CDBG Citizen Advisory Committee, Parks and Recreation Board, and Library Board. By ordinance, the Township Board gives final approval to all plan approval use and hardship planned unit development requests and certain specified special approval uses. By State statute, the Board also approves rezoning requests, Zoning Ordinance amendments, and subdivision plats.

Planning Commission

In accordance with State zoning and planning enabling statutes, the Township has established a seven (7) member Planning Commission. These members are appointed by the Township Board to serve 3-year staggered terms. One member must be a member of the Township Board. The Planning Commission's primary responsibility is to adopt, oversee, and keep current the Township Master Plan. The Commission reviews and makes recommendations to the Township Board on all subdivision plats, Zoning Ordinance amendments, plan approval use requests, and rezoning requests. The Planning Commission is responsible for considering and granting special approval uses. Final approval of major site plan reviews rests with the Planning Commission. The Planning Commission may be asked by the Township Board to study general ordinances and other issues of concern to the planning and development of the Township.

Zoning Board of Appeals

The Zoning Board of Appeals (ZBA) consists of seven (7) members appointed by the Township Board for 3-year staggered terms. One member must be a member of the Planning Commission and one other member may be a member of the Township Board. The ZBA members serve to interpret provisions of the Zoning Ordinance when requested and determine when variances should be granted due to claims of practical difficulties in complying with non-use property regulations.

Economic Development Corporation

The Economic Development Corporation (EDC) is a self-governing unit with nine members elected to serve staggered six-year terms. For those companies interested in locating their facilities in Waterford, the EDC is responsible for reviewing applications for low rate financing and other incentives available from the Township. The Waterford Township EDC also acts as the Township's Brownfield Redevelopment Authority. The EDC investigates ways in which to improve the economic climate in Waterford and may provide advice to the Township Board and Planning Commission on economic development matters. Currently, the EDC receives its

funding from fees generated by the sale of industrial revenue bonds. As required by State statute, the annual EDC budget is subject to the approval of the Township Board.

Parks and Recreation Board

The Parks and Recreation Board is responsible for assisting the Parks and Recreation Director in establishing long-range planning and goal-setting for the Township's parks and recreation facilities.

Wetlands Board

The Planning Commission also serves as the Wetlands Board for the Township. Given the large number of lakes within our community which are connected to the Clinton River corridor, preservation and protection of these natural features is a primary concern. This board reviews applications for projects proposed within protected wetland areas.

Waterford Township Library Board

The Waterford Township Library Board is responsible for assisting the Library Director in establishing long-range planning and goal setting for the Township library facilities.

ADMINISTRATION

The Township functions pertaining to zoning, planning, community development, and economic development are spread among a number of the elected and appointed officials, as well as township staff. Administrative and coordination functions are divided as follows.

Supervisor

As the chief administrative official, all departments responsible for Township zoning, planning, community development, and economic development report to the Supervisor. The Supervisor selects board and commission candidates for appointment by the Township Board; responds to general questions and concerns from the public; and represents the Township in various county and regional functions. The Supervisor has historically been a voting member of the Economic Development Corporation.

Clerk

Keeps official records for the Township Board; keeps the official Ordinance Book which contains all of the duly adopted ordinances of the Township; processes approved rezoning requests to Oakland County; and responds to general questions from public. All legal notices for the Township are published in the Clerk's name.

Treasurer

Receives and takes charge of all Community Development Block Grant and Economic Development Corporation funds and responds to general questions from the public.

Development Services Director

Responsible for the implementation and daily administration of all planning, zoning, community development, economic development and code enforcement activities. Acts as the liaison between the Township, citizens, news media, other governmental agencies, developers, and municipal professionals regarding Development Services Department issues. Prepares and presents annual budget requests, administers departmental budget, and ensures that the authorized budgetary procedure is properly used. Responds to development related violation inquiries from residents, contractors and other parties. Keeps abreast of modern engineering practices and changes in regulations through continued education and professional growth. Reviews plans and blueprints for new commercial, residential, and municipal developments. Ensures compliance with Township codes, and professional engineering standards relating to water, sewer, grading, drainage, public safety and other issues. Approves permits as warranted. Administers the Community Development Block Grant Program. Oversees staff processing of site plans, rezoning and plan approval use applications, subdivisions, site condominiums, and special land use applications. Responds to questions from applicants and the public regarding the Township's planning and development processes.

Superintendent of Building Division

Manages and directs the activities of the Building Division to ensure projects are constructed in accordance with applicable laws, codes, ordinances and accepted practices. Responds to building related violation inquiries from residents, contractors and other parties. Reviews residential and commercial building plans and blueprints. Ensures compliance with Township codes and professional building standards relating to framing, footings, electrical, plumbing, fire protection, accessibility and other related issues. Oversees the building construction and inspection process of new and existing buildings, and other construction projects. Oversees the registration process and license approval for contractors interested in working within the Township. Oversees the Dangerous Building processes and hearings. Keeps abreast of changing regulations and policies through continued education and professional growth.

- **Superintendent of Planning and Zoning Division**

Manages and directs the activities of the Planning and Zoning division to ensure projects within the Township are constructed in accordance with applicable laws, codes, ordinances and accepted practices. Administers the Township's site plan review process, the Township's lot/acreage land division review process and the Township's subdivision and condominium review process. Coordinates development projects with consulting engineers, developers, architects, builders and regulatory agencies. Oversees preparation of agendas and minutes of Planning Commission meetings and Economic Development Corporation (EDC) meetings along with reviewing materials to be included in the public record. Responds to zoning related violation inquiries from residents, contractors, and other parties. Coordinates work activities with other departments and outside agencies when projects require joint efforts. Oversees and directs the Township's code enforcement activities.

The Township also employs engineering, planning, and legal services on a consulting basis to achieve its planning and development goals.

Information Systems Director

Responsible for developing, maintaining, and enhancing the electronic information infrastructure used to process, disseminate, and store the Township's planning and zoning documents. This infrastructure includes the Township-wide computer network, geographic information system, internet web site, and electronic document management system. Provides guidance and advice on improvements to departmental electronic information processing and storage. Oversees information systems components to ensure consistency, reliability, and effective service to the departments and citizens.

GIS Manager

Responsible for creating, managing and implementing a Township-wide Geographic Information System (GIS), a digital database that is linked to real geographic areas within Waterford. Works with various departments to identify GIS needs and potential applications. Oversees the research and collection of information to build GIS information layers. Oversees GIS staff in the compilation and entry of data, and responds to requests for GIS training and output.



CHAPTER 9 – IMPLEMENTATION

The Planning Commission initiated the current master planning process with the intent to involve citizens in the development of a dynamic Master Plan. No matter how involved the citizens were, the vitality gained through its development will be lost unless the Master Plan is actively implemented. Therefore, once adopted, implementation must involve citizen commitment and be pursued aggressively in order to achieve the Master Plan goals and objectives.

This chapter establishes the foundation for implementing the Master Plan. In addition to the Planning Commission, the responsibility for ensuring that the Master Plan is implemented will largely rest with the Township Board, other boards and commissions established by the Township Board, and the administrative positions described in Chapter 4 of this document. The success of the Master Plan’s implementation will rest upon the conscious efforts of the various members of the Township government to actively incorporate the implementation of Master Plan goals and objectives into all Township actions. The implementation process consists of the following components: the Future Land Use Plan described in Chapter 8, implementation goals, fiscal tools, legislative policy-making, administration and enforcement, citizen education and promotion, and evaluation. The following provides a description of the essential components of Waterford’s Master Plan implementation process.

IMPLEMENTATION GOALS

The goals and objectives developed by the Master Plan Subcommittees and described in Chapter 7 were reviewed and analyzed by the Planning Commission to determine the major themes. Seven major themes were found and identified as the Master Plan Goals to be achieved during the next twenty years. Using the Subcommittees’ work, objectives were established for each of the seven goals. Action strategies were then developed for each objective. These Master Plan goals, objectives and strategies provide the analytical structure from general concept to specific action. Each goal statement establishes an outcome for achieving an ideal community. The objectives establish the route to accomplishing the goal, and each set of strategies are action items intended to achieve the objectives. The goals, objectives, and strategies are listed in random order. During the life of this Master Plan, the following is the detailed list of the goals, objectives, and strategies that Waterford intends to implement along with the Future Land Use Plan outlined in Chapter 8.

GOAL ONE
TO MAINTAIN, IMPROVE, AND ENHANCE CAPITAL
INFRASTRUCTURE AND PUBLIC SAFETY FOR THE HEALTH,
SAFETY, AND WELFARE OF WATERFORD CITIZENS

Objective 1-1
Maintain and Enhance Existing Level of Fire Protection
and Emergency Medical Services

Strategies to Achieve Objective 1-1

- a. Continue the maintenance, update, and effective fire-fighting coverage of Township fire hydrants.
- b. Ensure sufficient facilities, staffing, equipment, and training levels for effective and prompt fire-fighting and EMS coverage of all areas in and served by the Township.
- c. Investigate and adopt, when economically feasible, new technologies which enhance and expand fire-fighting, prevention, detection, and emergency medical response capabilities.
- d. Maintain and enhance the use of the Township GIS for analysis of fire prevention, fire-fighting, and EMS capabilities.
- e. Provide continuing education and training in fire safety and prevention, first aid, and CPR to all citizens.
- f. Advocate the installation of affordable medical and fire safety technologies in all homes and workplaces.
- g. Maintain participation in county-wide disaster and emergency operations plans for effective handling of and coordinated responses to potential natural and man-made disasters.
- h. Require effective fire safety and prevention systems in all development and redevelopment efforts.

Objective 1-2
Maintain and Enhance Existing Level of Water and Sewer Services

Strategies to Achieve Objective 1-2

- a. Ensure sufficient facilities, staffing, equipment, and training levels for the safe and effective operation and maintenance of the Township's water and sewer systems.
- b. Utilize the Township capital improvement planning process to plan for necessary water and sewer system capacity improvements.
- c. Utilize the Township capital improvement planning process to plan for necessary preventative water and sewer line maintenance and replacement.
- d. Maintain and enhance the use of the Township GIS and other appropriate electronic information systems for the effective operation, analysis, and capital maintenance tracking of the Township water and sewer systems.
- e. Identify and implement economically feasible new technologies which enhance and expand efficient, effective, safe, and healthy water and sewer systems.
- f. Promote and enforce the installation of water line loop systems.

- g. Implement and enforce ordinances and policy measures to protect and enhance the environmental quality of the Township's water supply.

Objective 1-3
Review the Storm Drainage System

Strategies to Achieve Objective 1-3

- a. Develop a master storm water management plan in accordance with State of Michigan and U.S. Environmental Protection Agency guidelines and the existing facilities and future storm drainage capacity needs of the Township.
- b. Consider, as necessary to compliance with State of Michigan and U.S. Environmental Protection Agency requirements, the feasibility of creating and implementing an administrative structure and funding authority which provides an effective unified approach to managing, maintaining, and improving the storm drainage system within the Township.
- c. Maintain and enhance the use of the Township GIS and other appropriate electronic information systems to map and analyze all storm drainage systems within the Township.
- d. Enforce effective policies and best management practices wherever applicable to ensure the maintenance, capacity, and quality of the storm drainage system with the assistance and support of all governmental agencies responsible for stormwater management in the Township.
- e. Ensure that all new development and redevelopment projects are thoroughly evaluated and constructed to accommodate and not overburden the storm drainage system capacity within the Township along with encouraging improvements to the system capacity.
- f. Investigate and adopt the most effective means of enforcing updated engineering storm water discharge standards.
- g. Require the utilization of best management practices, including requirements for detention/retention, for new development and redevelopment projects within Waterford.

Objective 1-4
Support the Enhancement of the Power and Communication
Utilities Infrastructure within the Township

Strategies to Achieve Objective 1-4

- a. Promote the conversion of overhead utility wires to underground lines.
- b. Require that utility and communication companies to demonstrate the capacity to provide modernized, full and uninterrupted service for proposed land uses.
- c. Map in GIS the location and capacity of all utility lines.
- d. Develop a map of prioritized areas where existing overhead utilities should be installed underground.
- e. Develop a map of all communication lines.

Objective 1-5
Maintain and Enhance Existing Level of Police Protection

Strategies to Achieve Objective 1-5

- a. Ensure sufficient facilities, staffing, equipment, and training levels for effective and prompt police protection and safety coverage of all areas of the Township.
- b. Investigate and adopt, when economically feasible, new technologies that enhance and expand crime prevention, detection, and public safety.
- c. Maintain and enhance the use of the Township GIS for analysis of crime prevention, detection, and solution.
- d. Make education and training in public safety available to Township residents.

Objective 1-6
Improve and Enhance the Township's Capital Facilities and Infrastructure Planning

Strategies to Achieve Objective 1-6

- a. Establish an annual capital improvement planning process to implement the requirements of the Michigan Planning Enabling Act for a capital improvements program to be prepared, showing the priority of public structures and improvements that will be needed or desirable and can be undertaken in a 6-year period and which is based on lists, plans, and cost estimates obtained from Township Departments for such capital improvements and the time frame within which those improvements should be made.
- b. Develop capital improvement planning strategies to provide guidance to the Township Board on accomplishing Master Plan Goals.
- c. Establish and maintain a database containing information on the available public infrastructure (water, sanitary sewer, storm sewer, etc.) capacities within the Township to assist Township staff in making decisions on proposed land uses.

GOAL TWO
TO IMPROVE AND ENHANCE THE TRANSPORTATION
NETWORK WITHIN WATERFORD

Objective 2-1
Maintain and Encourage Road Improvements Within Waterford Township

Strategies to Achieve Objective 2-1

- a. Continue to improve and expand the proactive and effective partnership between the Township and the public road agencies to achieve quality public road improvements, maintenance, traffic flow, and safety in Waterford Township.

- b. Develop a Waterford Township Transportation Plan to identify road maintenance and improvement priorities to be considered in Township decisions necessary to achieve the Master Plan Goals.
- c. Develop and maintain a road needs review process as part of the Waterford Township Transportation Plan.
- d. Incorporate priority road maintenance and improvements into the capital improvements program in accordance with Objective 1-6.
- e. Require dedication of road right-of-way in connection as a condition of approval for development and redevelopment projects as necessary to provide a right-of-way width consistent with the Road Commission of Oakland County Master Right-of-Way Plan.

Objective 2-2
Encourage North-South Mobility in Waterford Township

Strategies to Achieve Objective 2-2

- a. Explore, facilitate, and encourage feasible realignment, extensions, widening, and other improvements of existing roads to eliminate or reduce safety hazards and improve traffic flow.
- b. Identify and incorporate in the Transportation Plan, unimproved sections of the primary road network where traffic safety or flow could be improved by paving or other improvements.
- c. Identify and pursue non-Township funding sources for primary road network improvements.

Objective 2-3
Diversify Transportation Options

Strategies to Achieve Objective 2-3

- a. Encourage and facilitate dependable and safe transportation options for prospective users who are housebound, such as senior and disabled citizens.
- b. Assess public transportation needs for Waterford Township.
- c. Develop and implement policies and programs to allow that residents and visitors to travel freely in Waterford without unnecessary delays by both motorized and non-motorized modes of transportation.
- d. Promote an advisory committee consisting of local business owners, transportation officials, and residents, to review and recommend public transportation options for Waterford residents.

Objective 2-4
Improve Traffic Safety

Strategies to Achieve Objective 2-4

- a. Assist road agencies through the use of GIS and other analytical tools to prioritize, develop, and fund plans and programs to eliminate existing traffic hazards and conflicts between different modes of transportation.

- b. Identify key intersections for design improvements to increase transportation efficiency within the Township.
- c. Develop and implement traffic impact and access management standards in ordinance requirements and policies for new development and redevelopment projects.
- d. Promote efforts to partner with traffic safety organizations and utilize all Township communication resources to educate citizens on traffic safety.
- e. Actively enforce traffic safety laws.

Objective 2-5
Enhance the Safety of the Waterford Village Historic District

Strategies to Achieve Objective 2-5

- a. Research, develop, and implement traffic calming and walkability measures in and adjacent to the District (*Please refer to Map 10 on Page 7-47 in Chapter 7 for the location of the District*).
- b. Evaluate, promote, and implement methods that slow down and discourage through traffic while maintaining continuous access for residents and public safety personnel.
- c. Develop and implement an active role for the Township’s Historic District Commission in enhancing and promoting transportation safety within the District.

GOAL THREE
TO ENHANCE THE WALKABILITY OF WATERFORD

Objective 3-1
Maintain, Expand and Improve Safety Paths

Strategies to Achieve Objective 3-1

- a. Develop, identify and pursue sources of funding and implement a master safety path construction and maintenance plan, incorporating priority projects into the Township’s Capital Improvements Plan.
- b. Construct connections between existing segments of safety paths.
- c. Facilitate and encourage connection of all Waterford parks and schools to the safety path system.
- d. Install and maintain safety path links between neighborhood nodes (*Please refer to Figure 8-10 on Page 8-22 in Chapter 8 for the location of the nodes*).
- e. Maintain existing segments of safety paths.
- f. Inventory existing safety paths to determine Americans with Disabilities Act (ADA) compliance and provide for required ADA compliance in any upgrades or repairs.
- g. Establish and utilize a GIS database for evaluating the condition of the existing safety path system components in Waterford Township based on an objective scoring criteria.
- h. Promote efforts to utilize all Township communication resources to educate citizens on the benefits of walking using non-motorized paths.

Objective 3-2

Develop and Promote a Waterford Riverwalk Pedestrian Pathway

Strategies to Achieve Objective 3-2

- a. Complete and promote implementation of a Riverwalk Master Plan for safety paths and other improvements for the area from the Waterford Towne Center area to the Drayton Plains Nature Center, to provide access to and encourage enjoyment of the Clinton River.
- b. Pursue and apply for alternative funding sources, whenever possible, to complete the remaining segments of the Riverwalk Master Plan.
- c. Explore opportunities to link the Waterford Riverwalk system to safety path systems in adjacent communities.
- d. Incorporate Riverwalk project components in the Capital Improvements Plan.

GOAL FOUR

TO CREATE AN ECONOMIC CLIMATE CONDUCIVE TO THE ATTRACTION, RETENTION, AND EXPANSION OF BUSINESS WITHIN WATERFORD

Objective 4-1

Develop and Utilize Township Capacity for Proactive Economic Development

Strategies to Achieve Objective 4-1

- a. Township staff to undertake and facilitate economic development activities and programs.
- b. Develop and utilize printed and electronic information to guide citizens and businesses through the Township's development processes.
- c. Encourage Township staff to analyze, and revise when necessary, the current procedures and policies involving services to the Waterford business and development community for effectiveness, efficiency, and consistency with the Master Plan goals and objectives.
- d. Develop, promote, and implement conceptual plans for areas within the Township to focus redevelopment efforts.
- e. Explore and aggressively utilize all available economic development, planning, and analysis tools to actively promote business retention and the relocation of new businesses and technology-based companies to Waterford.
- f. Develop cooperative partnerships, use flexible planning and zoning tools, and actively utilize economic development tools to ensure the continued redevelopment and economic viability of the regional destinations located in the Township.
- g. Encourage and promote the provision of safe, high-speed, and cost-effective modern communication and information systems for use by Waterford businesses.
- h. Establish a rational tax abatement incentive policy.

Objective 4-2
Market Waterford Township as a Destination for Business Activities

Strategies to Achieve Objective 4-2

- a. Identify and establish partnerships with other governmental agencies and business organizations to actively promote and market Waterford as a prime business location.
- b. Develop and disseminate marketing materials promoting Waterford Township utilizing all available media.
- c. Promote Waterford as a “One Stop Ready” community, a member of Automation Alley, home of the Oakland County International Airport, and other notable points of interest.

Objective 4-3
**Educate and Inform All Township Boards, Commissions, Committees,
and Authorities on Economic Development Tools and Efforts**

Strategies to Achieve Objective 4-3

- a. Research, develop, and implement ongoing processes to keep the Township Board and all appointed committees involved with economic development fully informed on the various economic tools and funding resources available to Waterford Township.
- b. Provide staff training and development to gain knowledge and awareness of current economic development tools, funding sources, best practices, and innovative techniques and programs.

Objective 4-4
**Promote furthering the Physical Appearance and Functional Character
of the Township’s Commercial Corridors**

Strategies to Achieve Objective 4-4

- a. Develop and implement ordinances, policies, and planning tools to assist with the aesthetic, social and functional improvement of the Township’s commercial corridors.
- b. Investigate and, if appropriate, create a Downtown Development Authority to assist in the redevelopment and improvement of the commercial corridors.
- c. Develop, implement, and promote traffic calming and access management regulations and policies as a means of enhancing the commercial corridors.
- d. Pursue and maintain cooperative relationships with the public road agencies to investigate, plan, and construct aesthetic and functional improvements of the Township’s commercial corridors.
- e. Promote commercial corridor infrastructure for both motorized and non-motorized transportation.
- f. Develop partnerships with governmental agencies, business organizations, and business owners to improve the aesthetic, social and functional qualities of the Township gateways and commercial corridors.
- g. Establish and support the Corridor Improvement Authority created by Township Ordinance in the exercise of its powers to correct and prevent deterioration, promote economic growth, development and redevelopment, and enhance the commercial corridor development areas described in the Ordinance.

- h. Identify priority corridor and gateway improvements for possible incorporation into the Capital Improvements Plan.

GOAL FIVE
TO INCREASE AND IMPROVE RECREATIONAL OPPORTUNITIES
FOR WATERFORD CITIZENS

Objective 5-1
Develop, Construct, and Maintain in One Central Location
a Full-Scale Community Center to Serve All Age Groups

Strategies to Achieve Objective 5-1

- a. Propose and promote a phased plan of development and funding to create a dynamic recreation center that will be supported by the citizens and serve the community for the foreseeable future.
- b. Provide indoor/outdoor swimming facilities to meet the community's recreation, fitness, therapeutic, and scholastic swim needs.
- c. Provide a playground area for younger children.
- d. Secure public input on all other recreational, fitness, and service facilities that would be supported by Township residents as part of a new community center.
- e. Research and analyze all potential funding sources and options.

Objective 5-2
Promote Recreational Utilization of the Clinton River

Strategies to Achieve Objective 5-2

- a. Educate the community about the presence, importance, and threats to the Clinton River.
- b. Sponsor and promote projects, programs, and annual events to clean up, restore, preserve, and protect the Township's river resources.
- c. Sponsor and promote Clinton River educational and recreational projects, and programs such as canoeing, kayaking, and fishing.
- d. Work with the Clinton River Watershed Council to sponsor an adopt-a-river program by businesses and service organizations for different segments of the river.
- e. Identify and recognize the importance and potential uses of or related to the Clinton River in the Riverwalk Master Plan described in Objective 3-2.
- f. Partner with the local schools in developing curriculum centered on the importance and ecological fragility of the Clinton River.

Objective 5-3
Promote Increased Access and Use of Existing Parks

Strategies to Achieve Objective 5-3

- a. Provide and maintain effective safety path access to all Township parks.
- b. Develop and implement a playground equipment maintenance and improvement schedule to ensure child safety and modernized facilities.
- c. Explore opportunities for creating dog parks, or using a portion of an existing park for the purpose of developing and maintaining pet run areas.
- d. Conduct periodic studies and analyses of existing parks' utilization to assess use patterns and evaluate implementation of other recreational uses.
- e. Create better access to, and promote utilization of, Elizabeth Lake Woods, including trails and interpretive observation areas.
- f. Develop and maintain directional signage to the parks and identification signage for natural features, river and stream crossings, and watershed boundaries.
- g. Ensure that the area currently occupied by the Drayton Plains Nature Center is linked to the Waterford Riverwalk system.
- h. Preserve and protect the area currently occupied by the Drayton Plains Nature Center as a nature center.
- i. Include passive recreation areas and activities in the Recreation Plan.
- j. Develop and disseminate marketing materials promoting Waterford Township Parks utilizing all appropriate media.

Objective 5-4
Encourage Playground Areas in Neighborhoods

Strategies to Achieve Objective 5-4

- a. Investigate opportunities for establishing and maintaining small playground or picnic areas within, or adjacent to, neighborhoods.
- b. As necessary, revise and strengthen Zoning Ordinance requirements for the establishment and maintenance of neighborhood park areas within new developments.
- c. Investigate the development of a neighborhood enhancement grant program that utilizes state and federal funding sources to enable neighborhood associations to create neighborhood parks.

Objective 5-5
Encourage Diverse Recreation Opportunities for Waterford Citizens

Strategies to Achieve Objective 5-5

- a. Provide for staff training and development to gain knowledge and awareness of innovative recreational facilities and programs.
- b. Research and analyze deficiencies in the provision of recreation services within the Township to assess the feasibility of establishing and funding new facilities and programs.
- c. Promote establishment of innovative and diverse recreational facilities and programs.

GOAL SIX
TO ENSURE AND ENFORCE LAND USE DEVELOPMENT PRACTICES
THAT ARE SENSITIVE TO WATERFORD'S NATURAL ENVIRONMENT

Objective 6-1
Promote Open Space Developments

Strategies to Achieve Objective 6-1

- a. Research and identify possible revisions to the Township ordinances which provide tools for housing developments that preserve substantial areas of open space and reasonable and flexible requirements, such as measured adjustments in zoning bulk regulations.
- b. Encourage and promote the preservation of some uplands for common use as a requirement in open space and cluster developments.
- c. Encourage and promote private preservation of open space through conservation easements, dedications, and stewardship programs.
- d. Encourage and preserve natural resource corridor links between natural areas, recreation areas, parklands, and schools.
- e. Research, evaluate, implement, and enforce revisions to the Zoning Ordinance to require that within new housing developments, a sufficient amount of property be dedicated for quality of life features such as parks, open space, natural areas, and native landscaping.

Objective 6-2
Ensure All Development Efforts Respect, Preserve,
and Protect Waterford's Natural Characteristics and Constraints

Strategies to Achieve Objective 6-3

- a. Continue the enforcement of rational wetland protection to, preserve wetlands in their natural state as a high priority, protect water quality, stabilize stormwater runoff, recharge groundwater, and provide fish and wildlife habitat.
- b. Enforce ordinance requirements for practical woodlands conservation to protect water and soil quality, improve air quality, buffer noise, moderate climate hazards, preserve wildlife diversity and habitats, and enhance community aesthetics.
- c. Promote, inform, and encourage citizens on the use of native plant material to minimize the hazardous effects of invasive species.
- d. Encourage preservation of natural contours and minimize mass grading alterations.
- e. Require the preservation and protection of groundwater recharge areas as open space or low density uses to retain as much permeable surface and water holding characteristics as possible.
- f. Promote and enforce the protection of groundwater recharge areas from pollution through the regulation of land uses which may discharge wastes into the hydrological cycle.
- g. Promote the preservation of natural vegetation and topographical features along stream corridors and waterways by restricting these areas to uses offering little danger of topographical disturbance, water quality degradation, stream channel alteration, runoff or sedimentation increase.

- h. Utilize appropriate communication methods to educate the community on the care and use of herbicide and fertilizer sprays to preserve and protect stream corridors, waterways, and the natural drainage and runoff pattern associated with them.
- i. Develop and maintain natural area inventories that include assessments for quality, location, health, and species, provided by other governmental agencies.
- j. Preserve, and protect the natural areas essential to maintaining Waterford's unique heritage and character, which provide a diverse high-quality wildlife habitat.
- k. Advocate the establishment of a prohibited planting materials list based upon invasiveness and ecological impacts.
- l. Maintain strict enforcement of requirements for soil and sedimentation control during development.
- m. Actively work with responsible agencies to maintain an accurate list of leaking underground storage sites.
- n. Develop and utilize a Township Open Space and Natural Area Management Plan to assist in evaluating future rezoning and site plan approvals as well as potential open space acquisition.

GOAL SEVEN
TO RETAIN, ENHANCE, AND PROMOTE WATERFORD'S
UNIQUE CHARACTER, SENSE OF COMMUNITY, AND IDENTITY

Objective 7-1
Expand, Enhance, and Improve the Aesthetics and Historic Preservation
of the Waterford Village Historic District

Strategies to Achieve Objective 7-1

- a. Research and plan for the installation of decorative lighting, signage, and barrier-free safety paths along District streets (*Please refer to Map 10 on Page 7-47 in Chapter 7 for the location of the District*).
- b. Inventory and evaluate existing vacant land in the District and evaluate and recommend adaptive reuse of existing structures that will enhance the District as a community destination.
- c. Research, evaluate, and improve the regulatory powers and effectiveness of the Township's Historic District Ordinance.
- d. Explore the expansion of the original District boundaries by encouraging properties to join the Historic District.
- e. Explore, develop, and utilize stable funding sources and financing tools for restoration, improvement, and small business development in the District.
- f. Develop and implement ongoing communication with District property owners to inform them of District regulations and expectations.
- g. Develop, promote, and implement a conceptual Historic District area plan to focus and guide redevelopment efforts.

Objective 7-2
Plan and Encourage Development of Neighborhood Nodes

Strategies to Achieve Objective 7-2

- a. Develop, promote, and implement a conceptual plan for each area identified in the Master Plan as a neighborhood node to focus and guide development and redevelopment efforts.
- b. Develop, promote, and maintain the Township Civic Center area as a community gathering place.

Objective 7-3
Establish and Enforce a High Standard for the Physical Condition of the Township Housing Stock

Strategies to Achieve Objective 7-3

- a. Revise and enforce Township ordinances as necessary to require inspections of rental housing, property maintenance code enforcement, and elimination of blighting effects and influences.
- b. Research, evaluate, and revise the Zoning Ordinance to include flexible planning and zoning tools, and requirements which encourage and promote quality redevelopment of the Township's existing housing stock.

Objective 7-4
Assist Service Organizations to Expand and Market Programs and Services

Strategies to Achieve Objective 7-4

- a. Develop and implement an information gathering and dissemination process using appropriate media to inform new and current Waterford residents of area community services.
- b. Advocate the elimination of public service duplications of effort, promote consolidated and partnering public service efforts, and work to eliminate service gaps.
- c. Develop and maintain a current database of community service organizations and the services they offer within Waterford Township.
- d. Publicize and promote volunteer opportunities and efforts using appropriate media.

Objective 7-5
Strengthen Communication Partnerships between the Township and Governmental Agencies, the Waterford School District, Oakland Community College, Private Schools, and Service Organizations

Strategies to Achieve Objective 7-5

- a. Implement dedication of Township staff, website, and cable resources to the expansion of community communication efforts.

- b. Develop and maintain partnerships between the Township, Waterford School District, Oakland Community College, the business community, and community agencies to promote the Waterford community and the quality of life for citizens and visitors, utilizing appropriate media.
- c. Develop and maintain partnerships between the Township, Waterford School District, Oakland Community College, the business community, and community agencies to implement cooperative cultural planning efforts that will encourage and expand cultural programs and services in Waterford.
- d. Continue and expand proactive communication and information exchange between the Township, Waterford School District, and Oakland Community College to facilitate and achieve common goals.
- e. Continue and expand proactive communication and information exchange between the Township and Oakland County International Airport to facilitate airport land use issues and noise study implementation.
- f. Research, develop, and implement partnership programs between the Township, Waterford School District and/or Oakland Community College to educate students about importance of local government.

FISCAL TOOLS Waterford Township can increase the effectiveness of its Master Plan implementation efforts by reasonable utilization of available financing tools. The financing of all Township activities is determined through the annual budget process based on available revenues from property taxes, state revenue sharing, fees, the annual federal Community Development Block Grant program, federal, state, county, or foundation grants, and other sources. Providing for a prioritized implementation of the Master Plan goals and objectives as part of the annual budget process will be a key to realizing those goals and objectives over time.

The Township has also established an Economic Development Corporation and Brownfield Redevelopment Authority, has provided for a Corridor Improvement Authority, and has established Commercial Rehabilitation and Industrial Development Districts for parts of the Township, to assist with economic development policy and to finance projects which meet the established criteria. There may be other existing or future legislation that provides the Township with similar tools, all of which should be reviewed and considered as related to furthering the goals and objectives of this Master Plan. The adoption of a rational tax abatement policy, use of the Township's special assessment authority, and the selling of municipal bonds are additional tools that could be used to facilitate or fund activities to consistent with Master Plan Goals and objectives in appropriate situations.

LEGISLATIVE POLICY-MAKING The Township can also increase the fiscal effectiveness of the Master Plan implementation through strategic planning and the active participation by the Township Board and Departments in the annual capital improvements planning process the Planning Commission is responsible for under the Michigan Planning Enabling Act as described in Objective 1-6, the results of which could be considered in determining expenditures as part of the annual budget process

ADMINISTRATION AND ENFORCEMENT The Township Board will play a critical role in the implementation of the Master Plan. It is recommended that the Township Board actively promote the Master Plan by public communications, working with the Planning Commission, and providing the funding necessary to implement the Master Plan goals, objectives, and strategy items.

In addition to following all Master Plan implementation policies established by the Township Board, the Development Services Department staff should facilitate Master Plan implementation by educating all Township personnel about the Master Plan as a Township-wide policy document that needs to be actively implemented and promoted. The Development Services staff should also actively involve other departments in Master Plan implementation efforts, including program and project development. Township departments should also focus on reviewing and revising department procedures and actions to ensure Master Plan implementation. The review and development of proposed ordinances necessary to implement the Master Plan is another important task that the Township administrative departments need to pursue. Finally, each department should actively enforce the laws, policies, and procedures established to accomplish Master Plan goals and objectives.

It is essential that ongoing education efforts be undertaken to ensure that citizens are aware of support Master Plan implementation, to educate citizens on the Master Plan, and promote Master Plan goals and objectives. An active planning education program should be promoted and established as part of the public school curriculum.

The Development Services Department should take an active role in utilizing appropriate media, such as the Township website, cable, printed brochures, community calendars, and new resident packets.

EVALUATION Although the Michigan Planning Enabling Act calls for a Planning Commission review at least every five (5) years to determine whether to commence the procedure to amend this Master Plan or adopt a new master plan, on at least an annual basis, the Planning Commission will review the progress toward implementation of the Master Plan and evaluate whether any adjustments to the implementation process or amendments of the Master Plan are or may be appropriate under an evaluation process that may include an ongoing strategic planning process, progress reports, proposed or desired timelines for accomplishing the strategy items, and staff reports on areas of concern identified by the Planning Commission.

Collective Bargaining Agreement
One-Year Extension

Waterford Township (hereinafter, "Township") and the Waterford Professional Firefighter Association, Local 1335, (hereinafter, "Union") are parties to a Collective Bargaining Agreement which expired December 31, 2019;

WHEREAS; Presently the Township and the Union are parties to a Collective Bargaining Agreement for the period of January 1, 2018 - December 31, 2019;

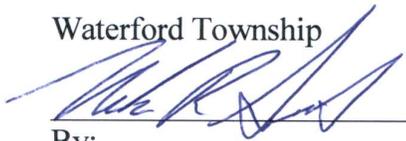
WHEREAS; The Parties wish to extend the terms and conditions of the Collective Bargaining Agreement for an additional one year period;

WHEREAS; The provisions of the Collective Bargaining Agreement shall remain unchanged except for as specified below.

NOW THEREFORE, the Parties agree as follows:

1. The current Collective Bargaining Agreement shall be extended for a period of one (1) year, which shall now expire on December 31, 2020.
2. All members of the Union shall receive a 2% pay raise effective January 1, 2020. The 2% raise shall be applied retroactively to January 1, 2020 for all Union members hired prior to that date. All other members shall receive the 2% raise retroactive to their hire date.
3. The Parties acknowledge that all other provisions of the Collective Bargaining Agreement shall remain in force and carry over until the expiration date contained in this Extension Agreement and this Extension agreement is conditioned upon the acceptance by the Waterford Township Board and the Waterford Professional Firefighters Association, Local 1335.

Waterford Township

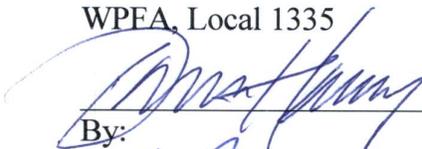

By: _____ Date: 7-22-20

By: _____ Date: _____

By: _____ Date: _____

mark similar

WPEA, Local 1335


By: _____ Date: 7-22-20


By: _____ Date: 7-22-20

By: _____ Date: _____

Damon Hamey
nick Presutti

RESOLUTION

WHEREAS, the State of Michigan passed Public Act 202 of 2017, Protecting Local Government Retirement and Benefits Act;

WHEREAS, Waterford Township has prepared a Corrective Action Plan consistent with that statute and the State has approved;

WHEREAS, the Board concurs in the actions taken by the Human Resources Department to carry out the objectives of PA 202 and the Township's Corrective Action Plan;

IT IS THEREFORE RESOLVED, that the Board of Trustees approves the action taken by the Human Resources Department in carrying out the objectives in PC 2020 and the Township Corrective Action Plan.

I certify that the above Resolution was adopted by the Honorable Charter Township of Waterford Board of Trustees on August 24, 2020.

Kim Markee, Township Clerk

BOARD OF TRUSTEES
Gary Wall, Supervisor
Kimberly Markee, Clerk
Margaret Birch, Treasurer
Anthony M. Bartolotta, Trustee
Art Frasca, Trustee
Karen Joliat, Trustee
Steven Thomas, Trustee



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Waterford, Michigan 48329-3773
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DEPARTMENT OF PUBLIC WORKS
Russell Williams
Director
Joseph Ashley
Water & Sewer Superintendent
Justin Westlake
Facilities & Operations Superintendent
Derek Diederich
Administrative Superintendent
Frank Fisher
Engineering Superintendent

DATE: August 18, 2020
TO: Honorable Charter Township of Waterford Board of Trustees
FROM: Russell D. Williams, DPW Director 
RE: Continued 2020 Sewer Supervisory Control And Data Acquisition (SCADA) System Upgrades

Please review the attached quote from Perceptive Controls, and DH Wireless Solution, both Waterford Township 2020 approved single source provider for DPW SCADA services.

This is a continuation of the SCADA improvements of the sewer system including hardware, programming and development of 20 additional remote sites to be added to the new SCADA system. The total cost for these 20 sites will be \$86,667.03. This is a value at less than \$4,350.00 per site.

The first 20 sights approved at the April 13, 2020 meeting of the Honorable Waterford Township Board of Trustees will be completed ahead of schedule. Rather than lose the momentum, an additional 20 sites would position the DPW to complete the sewer side SCADA upgrades by mid-2021. It is important that Waterford Township DPW also capitalize on the availability of Perceptive Controls while possible.

DH Wireless Solutions provides Waterford Township with the Cellular Wireless Modems utilized in the new SCADA system.

This additional work is not a budgeted expense. This work will require a transfer of funds from 590 Water / Sewer enterprise fund 59055-97000 Sewer Infrastructure to the Water / Sewer 590 enterprise fund, account number 59055-97125 Sewer Capital Personal Property account.

Requested Board Action
Approve a line-to-line budget amendment of \$87,000.00 from 59055-97000 Sewer Capital, Infrastructure to 59055-97125 Sewer Capital, Personal Property.
Approve the purchase of Hardware and Programming Services from Perceptive Controls for the Not to Exceed cost of \$75,622.03 from 59055-97125 Sewer Capital, Personal Property
Approve DH Wireless quote of Cellular Modems for the Not to exceed price of \$11,045.00 from 59055-97125 Sewer Capital, Personal Property

With us there are no boundaries



August 17, 2020

Frank Fisher
Water Superintendent

Waterford Township
5240 Civic Center Dr
Waterford MI 48329
Phone: (248) 618-7469

Subject: Perceptive Controls, Inc. Proposal Q001-08_17_2020_CLP

Dear Mr. Frank Fisher

We are pleased to provide you a proposal:

Item 1: 20 Sewer Site's Hardware, Opto22 & Ignition Programming

Scope of Supply

1.0 Hardware

1.0.1	20	GRV-IMAI-8	\$18,350.00
	20	GRV-EPIC-PSAC	\$3,556.22
	20	GRV-EPIC-PR1	\$27,738.38
	20	GRV-EPIC-CHS4	\$2,844.86
	10	GRV-IAC-24	\$2,702.70
	10	GRV-IDC-24	\$2,987.16
	20	GRV-OMRIS-8	\$4,694.05
	1	Shipping	\$148.65

\$ 63,022.03

1 Opto22 and Ignition Programming for 20 sewer Sites \$ 12,600.00

1.1 Total

1.11

Estimated :

\$75,622.03

Payment Terms

All pricing is time and expenses not to exceed.
100% due upon completion, Net 30 days.

The prices quoted are firm for 90 days and not subject to escalation. However, in the event PERCEPTIVE CONTROLS Inc. is unable to ship equipment or provide services in accordance with the schedule determined at the time of an order, due to delays caused by you, including, but not limited to request to defer shipment or service, delays in return of submittal drawings, hold for inspection, or agreement to terms, we reserve the right to escalate our price.



DH Wireless Solutions
 175 Hill Brady Rd
 Battle Creek, MI 49037
 (877) 524.0430
 sales@dhm2m.com

Quote Number: Quote25966
Date: 08-18-2020
Valid Thru: 09-18-2020

DH Contact: Robert Boyer
Office Phone: 269-660-9148
Mobile: 269-660-9148
Email Address: rboyer@dhm2m.com

Company: Waterford Public Works
 5240 Civic Center Drive
 Waterford, MI 48329 USA

Contact: Frank Fisher
 FFISHER@waterfordmi.gov

Billing Address		Shipping Address		
Waterford Public Works 5240 Civic Center Drive Waterford, MI 48329 USA		Waterford Public Works 5240 Civic Center Drive Waterford, MI 48329 USA		

Type of Application	Payment Method	Shipper	Shipping Method	Prepared by
Scada	To Be Determined	FedEx	Ground	Rob Boyer

Qty	Item Code	Description	MSRP	Discount	Net Price	Total
20	MMDGDG000043	Modem, Digi TransPort WR31-NA, 4G LTE, Dual Ethernet, Single Serial, I/O - Antennas/Power Not Incl	\$595.00	10.00%	\$535.50	\$10,710.00
20	MMCSNS000066	Power Test and Firmware Update	\$15.00	\$0	\$15.00	\$300.00
1	SHSHNR000008	Shipping & Handling Charge	\$35.00	\$0	\$35.00	\$35.00
					Items Total	\$11,045.00
					Items Tax	\$0.00
					Additional Charges	\$0.00
					GRAND TOTAL(\$)	\$11,045.00

****Please Note**** A 3% fee is charged for all credit card transactions over \$6,000.00

By signing below you hereby agree to the DHWS Terms & Conditions ([DH WIRELESS SOLUTIONS Terms & Conditions](#)) which are incorporated herein by reference. The offer is expressly limited to the DHWS Terms & Conditions and performance by DHWS does not constitute acceptance of any other terms and conditions set forth in a purchase order or otherwise.

Accepted by _____
Signature

_____ **Title**

_____ **Date**

"Thank you for choosing DHWS"

BOARD OF TRUSTEES
Gary Wall, Supervisor
Kimberly Markee, Clerk
Margaret Birch, Treasurer
Anthony M. Bartolotta, Trustee
Arthur Frasca, Trustee
Karen Joliat, Trustee
Steve Thomas, Trustee



5200 Civic Center Drive
Waterford, Michigan 48329-3773
Telephone: (248) 674-3111 Fax: (248) 674-2888
www.waterfordmi.gov

Jared Black
Director of Information
Technology
jblack@waterfordmi.gov

TO: The Honorable Township Board

FROM: Jared Black, IT Director

DATE: August 19, 2020

SUBJECT: Purchase of Storage Area Network Equipment

Data on our network servers is one of the most valuable assets we have. We have a number of servers that provide services for various functions, including financial records and transactions, payroll, document archival, day-to-day office document sharing, GIS data, email, and specific, departmental applications for things such as building permits, site plans, Assessing data, recreation programs, election information, the phone system, etc. Most of our servers share a high-performance data storage system known as a SAN (“Storage Area Network”). This SAN system is extremely critical to the integrity of our data and the functioning of the Township’s IT systems. The health and stability of our SAN system is probably *the* most important concern in our IT infrastructure.

The SAN we have in place now has been running for approximately six years. We have known that the day would come when it would need to be upgraded, and we had devised an upgrade road map that involved two steps: 1) upgrade the infrastructure that connects the SAN to the server equipment in 2020, and 2) upgrade the actual SAN hardware in 2021. We purchased the equipment necessary to do step #1 earlier this year, but when we attempted to install it, we ran into some unforeseen problems which made it clear that we really need to do step #2 as soon as possible. Due to these issues, we have not been able to make full use of the equipment purchased for step #1 because we really need to complete both steps at the same time.

In addition to these implementation concerns, the SAN that is currently in use has shown itself to be inadequate for the current usage scenario, which has jeopardized the stability and reliability of our mission-critical server systems and data. At least twice this year we have experienced extended down time episodes most notably affecting the email system due to performance issues on the current SAN (basically, the system isn’t able to store and retrieve data fast enough to meet the demand placed on it by our servers).

Although we hadn’t specifically budgeted for this purchase in 2020, there is money in the General Services Capital Computer special projects budget line item (12480-97133-ISERV) if we change some priorities.

Although the current SAN system is inadequate for the current usage, it would be perfectly fine for storing backups of our data, which is a use that is much less demanding in terms of reading

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boundaries**

and writing data. It happens to be the case that one of the items we *have* budgeted for in 2020 is \$20,000 for a data backup system, which is something for which the current SAN can be repurposed. If we repurpose the current SAN for data backups, then we won't need to spend that \$20k on a backup system. There is also an additional \$20,000 that was budgeted in 2020 for unrelated projects we have opted not to pursue this year. So there will be \$40,000 worth of budget dollars available in this budget line item. This should cover the needs of this SAN project, therefore a budget amendment will not be required.

We asked our established systems vendor, Inacomp, for a quote on a new higher performance SAN system. The price for the new system being recommended is \$35,165.10, as shown on the attached quote. The pricing is based on the REMC pre-bid government contract, and, as such, according to the Township procurement policy does not require sealed bids or competitive quotes. Additionally, Inacomp is on the 2020 Single Source Vendor list for server equipment due to "Compatibility with current equipment or system for maintenance, support, replacement, auxiliary system and/or upgrade."

I have discussed this with the Township's budget and finance team, and they are in agreement that this is something we will be able to do within budget.

At this time, I would like to request approval of the purchase of Storage Area Networking hardware from sole-source vendor Inacomp for \$35,165.10 per the attached quote.

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boundaries**



Date:
8/12/2020
Quote #

Inacomp TSG
17250 W 12 mile rd
southfield, MI 48076
Phone: 248.559-5700

Customer: waterford Township
Contact: Jared Black
Address:

REMC Contract

Inacomp TSG is pleased to provide you with the following estimate for products and/or services.

<u>Line</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>	<u>Unit Price</u>	<u>Ext. Price</u>
	1	Q8H72A	HPE NS HF20 Hybrid CTO Base Array	\$13,960.23	\$13,960.23
	1	Q8B68B	HPE NS HF20/20C Hybrid 21TB FIO HDD Bndl	\$5,369.32	\$5,369.32
	1	Q8B86B	HPE NS 2x10GBASE-T 2p FIO Adptr Kit	\$1,789.77	\$1,789.77
	1	Q8G27B	HPE NS NOS Default FIO Software	\$0.00	\$0.00
	2	Q8J18A	HPE NS NEMA 5-15 to C13 US FIO Pwr Cord	\$0.00	\$0.00
	1	Q8J29A	HPE NS HF20 R2 2.88TB FIO Cache Bndl	\$7,731.82	\$7,731.82
	1	R3P91A	HPE NS AF/HF Array Standard Trk	\$0.00	\$0.00
	1	HT7A1A3	HPE NS 3Y NBD Parts Exchange Support	\$0.00	\$0.00
	1	HT7A1A3 ZED	HPE NS HF20/20C Hybrid 21TBHDD Bndl Supp	\$1,012.75	\$1,012.75
	1	HT7A1A3 ZE6	HPE NS HF20 2.88TB Cache Supp	\$1,378.93	\$1,378.93
	1	HT7A1A3 ZEB	HPE NS HF20 Hybrid Base Array Supp	\$3,318.63	\$3,318.63
	1	HT7A1A3 ZES	HPE NS 2x10GBASE-T 2p Adptr Supp	\$603.66	\$603.66
			total		\$35,165.10

It is my personal goal as well as Inacomp's goal to provide you with exceptional customer service. Should you ever feel that we are falling short of that, please do not hesitate to call. I appreciate your business and the opportunity to serve you!

Jamie J. Ogden
Executive Vice President
248-444-0623 Cell
248-286-9003 Direct
jamie.ogden@inacomptsg.com

*This quote is valid for a period of 30 days. Please request updated pricing after 30 days. Thank you.

CHARTER TOWNSHIP OF WATERFORD
RESOLUTION TO RECOGNIZE SEPTEMBER 2020
AS NATIONAL RECOVERY MONTH

WHEREAS, substance use recovery is important for individual well-being and vitality, as well as for families, communities and businesses; and

WHEREAS, according to Substance Abuse and Mental Health Services Administration (SAMHSA) in 2018, approximately 20.3 million people aged 12 or older had a substance use disorder; and

WHEREAS, continued education and raising awareness of the risks of potential harm associated with prescription drug misuse is vital; and

WHEREAS, we believe everyone facing substance use disorders deserve the benefit of recovery; and

WHEREAS, stigma and stereotypes associated with substance use disorders often keep people from seeking treatment that could improve their quality of life; and

WHEREAS, substance use disorders occur then the recurrent use of alcohol and/or drugs causes clinically or functionally significant impairment such as health problems, disability, and failure to meet major responsibilities at work, school, or home; and

WHEREAS, substance use disorder recovery is a journey of healing and transformation, enabling people to live in a community of their choice while striving to achieve their full potential; and

WHEREAS, recovery benefits individuals with substance use disorders by focusing on their abilities to live, work, learn and fully participate and contribute to our society, and also enriches the culture of community.

NOW THEREFORE BE IT RESOLVED, The Township Board of the Charter Township of Waterford hereby recognizes September 2020 as National Recovery Month. We call

CHARTER TOWNSHIP OF WATERFORD
RESOLUTION TO RECOGNIZE SEPTEMBER 2020
AS NATIONAL SUICIDE PREVENTION MONTH

WHEREAS, September is known as National Suicide Prevention Month and is intended to help raise awareness surrounding suicide prevention resources available in the community; and

WHEREAS, World Suicide Prevention Day is observed each year on September 10; and

WHEREAS, Suicidal thoughts can affect anyone regardless of age, gender, race, orientation, income, religion, or background; and

WHEREAS, According the CDC, each year more than 48,000 people die by suicide; and

WHEREAS, Suicide is the second leading cause of death for people 10 to 34 years of age, the fourth leading cause among people 35 to 54 years of age, and eighth leading cause among people 55 to 64 years of age; and

WHEREAS, Organizations like National Alliance on Mental Health (NAMI) and National Suicide Prevention Lifeline 800-273-TALK (8255) work to help individuals in crisis and provide resources to shed light on this highly stigmatized topic.

NOW THEREFORE BE IT RESOLVED, The Township Board of the Charter Township of Waterford hereby recognizes September 2020 as National Suicide Prevention Month and calls upon our citizens, government agencies, public and private institutions, businesses and schools to commit our state to increasing awareness and understanding of suicide prevention, and the need for appropriate and accessible services to assist individuals in crisis, and we move To Adopt This Resolution.

YEAS:

NAYS:

ABSENT:

