



AGENDA

CITY COMMISSION MEETING

Monday, November 7, 2016

7:00 PM

1. Call to Order.
2. Pledge of Allegiance.
3. Roll Call.
4. Announcements, Acknowledgments and Communications and Reports.
5. Adoption of Agenda.
6. Public Participation.
7. Administrative Response to Issues or Questions Raised During Previous Meetings.
8. Approval of Minutes.
9. General Business.
 - 9-A – Public Hearing for the Downtown Maintenance Program.
 - 9-B – Request Approval of the Reallocation of Community Development Block Grant Funds for Fiscal Year 2016.
 - 9-C – Request Approval of the Water System Capital Improvements Plan from F&V Operations.
 - 9-D – Approve Purchases and Payment of Invoices.
10. Consent Agenda.
 - 10-A – Second Reading and Adoption of an Amendment to the Recreational Equipment Ordinance Related to the Parking of Equipment During the Winter Months.

11. City Manager's Report.
12. Commissioners' Comments.
13. Adjournment.

The City of Mount Clemens will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audiotapes of printed materials being considered at the meeting, to individuals with disabilities at the meeting/hearing upon one week-notice to the City of Mount Clemens. Individuals with disabilities requiring auxiliary aids should contact the City of Mount Clemens by writing or calling the following:

City Clerk's Office
One Crocker Boulevard
Mount Clemens, Michigan 48043
586.469.6818, Extension 310
911 - TDD

EXPLANATION OF AGENDA – November 7, 2016

Administrative Response to Issues or Questions Raised During Previous Meetings

A resident suggested that City Commission Minutes were deficient in that they fail to provide detailed information regarding agenda item discussions. The Open Meetings Act requires that public bodies keep minutes of each meeting and the requirements for the same are the date, time, place, members present, members absent, any decisions made and all roll call votes. Similarly, City Charter 10.127(5) provides that a summary of proceedings be maintained and published. There is no authority requiring the City to provide more information than that currently provided in its minutes, and to do so would incur prohibitive publication costs. Anyone interested in reviewing Commission meetings in their entirety, may do so by viewing video tapes maintained by the City.

CITY COMMISSION MEETING

County of Macomb
State of Michigan

October 17, 2016
Commission Chambers

A regular meeting of the Mount Clemens City Commission was held on Monday, October 17, 2016, at 7:00 p.m. The meeting was held in the Commission Chambers of the Municipal Building, One Crocker Boulevard, Mount Clemens, Michigan. Present at this meeting were Mayor Barb Dempsey and Commissioners Roger Bunton, Ronald Campbell, Bill "Sonny" Ford, Lois Hill, Laura Kropp and Denise Mentzer. Also in attendance were Lisa Borgacz, Interim City Manager/City Clerk; Michael Murray, City Attorney; and Cathleen Martin, Deputy City Clerk.

The meeting was called to order at 7:00 p.m.

ANNOUNCEMENTS, ACKNOWLEDGEMENTS, COMMUNICATIONS AND REPORTS, INCLUDING QUARTERLY DEPARTMENT REPORTS WERE PRESENTED AND ADDRESSED, ITEM 4.

THE ADOPTION OF THE AGENDA WAS CONSIDERED, ITEM 5.

Commissioner Hill made a motion, supported by Commissioner Bunton, to adopt the agenda as presented. The motion passed unanimously.

PUBLIC PARTICIPATION WAS CONDUCTED, ITEM 6.

ADMINISTRATIVE RESPONSE TO ISSUES OR QUESTIONS RAISED DURING PREVIOUS MEETINGS WAS RECEIVED, ITEM 7.

APPROVAL OF MINUTES WAS CONSIDERED, ITEM 8.

Commissioner Bunton made a motion, supported by Commissioner Mentzer, to approve the minutes of the Regular Meeting of October 3, 2016. The motion passed unanimously.

A PUBLIC HEARING FOR THE REALLOCATION OF COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) FUNDING FOR FISCAL YEAR 2016, WAS CONDUCTED, ITEM 9-A.

Commissioner Mentzer made a motion, supported by Commissioner Kropp to open the Public Hearing for the reallocation of Community Development Block Grant Funding for Fiscal Year 2016. The motion passed unanimously.

The public hearing opened at 7:50 p.m.

Comments were received from the following:

Ruthie Stevenson, 69 Beyne, regarding the need to remove trees at Shadyside Park.

Commissioner Mentzer made a motion, supported by Commissioner Hill to close the Public Hearing for the Reallocation of Community Development Block Grant Funding for Fiscal Year 2016. The motion passed unanimously.

The public hearing closed at 7:52 p.m.

APPROVAL OF THE INTRODUCTION AND FIRST READING OF AN AMENDMENT TO THE RECREATION EQUIPMENT ORDINANCE REGARDING THE PARKING OF EQUIPMENT BETWEEN NOVEMBER 1 AND MARCH 31, WAS CONSIDERED, ITEM 9-B.

Commissioner Mentzer made a motion, supported by Commissioner Kropp to approve the introduction and first reading of an amendment to the Recreational Equipment ordinance, set the second reading and adoption for November 7, 2016, and amend the proposed amendment to increase the size of allowed recreational equipment from twenty-five (25) feet in length to thirty-six (36) feet in length. The motion passed unanimously.

APPROVAL OF THE 41 B DISTRICT COURT 2017 BUDGET WAS CONSIDERED, ITEM 9-C.

Commissioner Mentzer made a motion, supported by Commissioner Bunton to approve the 41B District Court 2017 Budget. The motion passed unanimously.

ADOPTION OF A RESOLUTION EXTENDING THE MORATORIUM REGARDING THE ESTABLISHMENT OF BUSINESSES ENGAGED IN DISPENSATION OR DISTRIBUTION OF MEDICAL MARIJUANA WAS CONSIDERED, ITEM 9-D.

Commissioner Kropp made a motion, supported by Commissioner Bunton to adopt the Resolution extending the November 2, 2015 Moratorium regarding the establishment of businesses engaged in the dispensation or distribution of medical marijuana. The motion passed unanimously.

CONFIRMATION OF INTERIM CITY MANAGER'S APPOINTMENT OF HUMAN RESOURCES DIRECTOR WAS CONSIDERED, ITEM 9-E.

Commissioner Bunton made a motion, supported by Commissioner Hill to confirm the Interim City Manager's appointment of Sara Price to the position of Human Resources Director, effective October 17, 2016. The motion passed unanimously.

CONFIRMATION OF INTERIM CITY MANAGER'S APPOINTMENT OF ASSISTANT CITY MANAGER WAS CONSIDERED, ITEM 9-F.

Commissioner Hill made a motion, supported by Commissioner Kropp to confirm the Interim City Manager's appointment of Jeffrey D. Wood to the position of Assistant City Manager, in addition to his duties as Public Services Director, effective October 17, 2016. The motion passed unanimously.

APPROVAL OF PURCHASES AND PAYMENTS WERE CONSIDERED, ITEM 9-G.

Commissioner Campbell made a motion, supported by Commissioner Hill to approve purchases and payment of invoices as presented. The motion passed unanimously.

THE CONSENT AGENDA WAS CONSIDERED, ITEM 10.

Commissioner Mentzer made a motion, supported by Commissioner Kropp to approve the Consent Agenda as presented:

In Item 10-A, a request to approve November 7, 2016 as the date for the first public hearing of the Downtown Maintenance Program, was approved.

The motion passed unanimously.

THE CITY MANAGER'S REPORT WAS GIVEN, ITEM 11.

COMMISSIONERS' COMMENTS WERE RECEIVED, ITEM 12.

EXECUTIVE SESSION WAS CONSIDERED, ITEM 13.

Commissioner Kropp made a motion, supported by Commissioner Hill, to enter into Executive Session to discuss pending litigation and discuss negotiations regarding a collective bargaining agreement at 8:42 p.m. The motion passed unanimously.

Commissioner Campbell made a motion, supported by Commissioner Bunton to close Executive Session and return to the regular meeting at 9:24p.m.

The meeting was adjourned at 9:26 p.m.

Respectfully submitted,

Barb Dempsey, Mayor

Cathleen Martin, Deputy City Clerk

CITY COMMISSION SPECIAL MEETING

**County of Macomb
State of Michigan**

**October 24, 2016
Commission Chambers**

A special meeting of the Mount Clemens City Commission was held on Monday, October 24, 2016, at 5:30 p.m. The meeting was held in the Commission Chambers of the Municipal Building, One Crocker Boulevard, Mount Clemens, Michigan. Present at this meeting were Mayor Barb Dempsey and Commissioners Roger Bunton, Ronald Campbell, Bill “Sonny” Ford, Laura Kropp and Denise Mentzer. Commissioner Lois Hill was absent. Also in attendance were Lisa Borgacz, Interim City Manager and Michael Murray, City Attorney.

The meeting was called to order at 5:30 p.m.

Commissioner Kropp made a motion, supported by Commissioner Bunton to excuse Commissioner Hill from the meeting. The motion passed unanimously.

THE ADOPTION OF THE AGENDA WAS CONSIDERED, ITEM 4.

Commissioner Mentzer made a motion, supported by Commissioner Campbell, to approve the agenda as presented. The motion passed unanimously.

PUBLIC PARTICIPATION WAS CONDUCTED, ITEM 5.

DISCUSSION OF CITY MANAGER SEARCH AND REVIEW OF CANDIDATES WITH THE MICHIGAN MUNICIPAL LEAGUE WAS CONSIDERED, ITEM 6.

Joyce Parker, MML Search Consultant, was present to review and discuss the candidates for the City Manager position. It was the consensus of the City Commission to interview 6 candidates. Ms. Parker will schedule the interviews and notify the Interim City Manager of the dates and times.

COMMISSIONERS’ COMMENTS WERE RECEIVED, ITEM 7.

Commissioner Bunton made a motion, supported by Commissioner Campbell to adjourn the meeting.

The meeting was adjourned at 6:27 p.m.

Respectfully submitted,

Barb Dempsey, Mayor

Lisa Borgacz, Interim City Manager/City Clerk

EXPLANATION OF AGENDA –November 7, 2016

AGENDA ITEM NO. 9-A

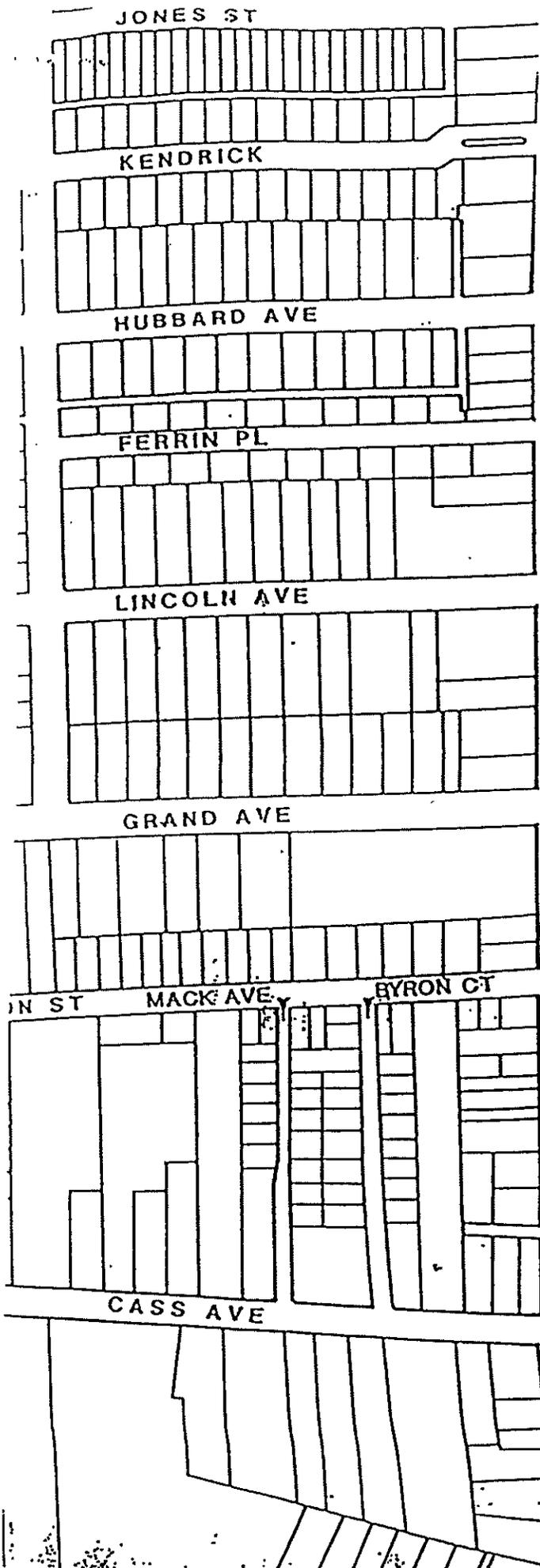
First Public Hearing for the Downtown Maintenance Program

The enclosed map indicates primary and secondary streets. Also, enclosed is a “Determination of Assessment” that was submitted by the Downtown Development Maintenance Committee when the program was first initiated. The projected 2016/2017 expense is \$54,900 (See attached estimated Mall Maintenance Cost). A primary rate of \$9.24 and a secondary rate of \$4.23 will generate a total assessment of \$54,900.00

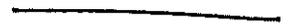
Submitted By: Nancy A. Strehl, Assessor

Recommended Motion: Motion to open the first Public Hearing for the Downtown Maintenance Program.

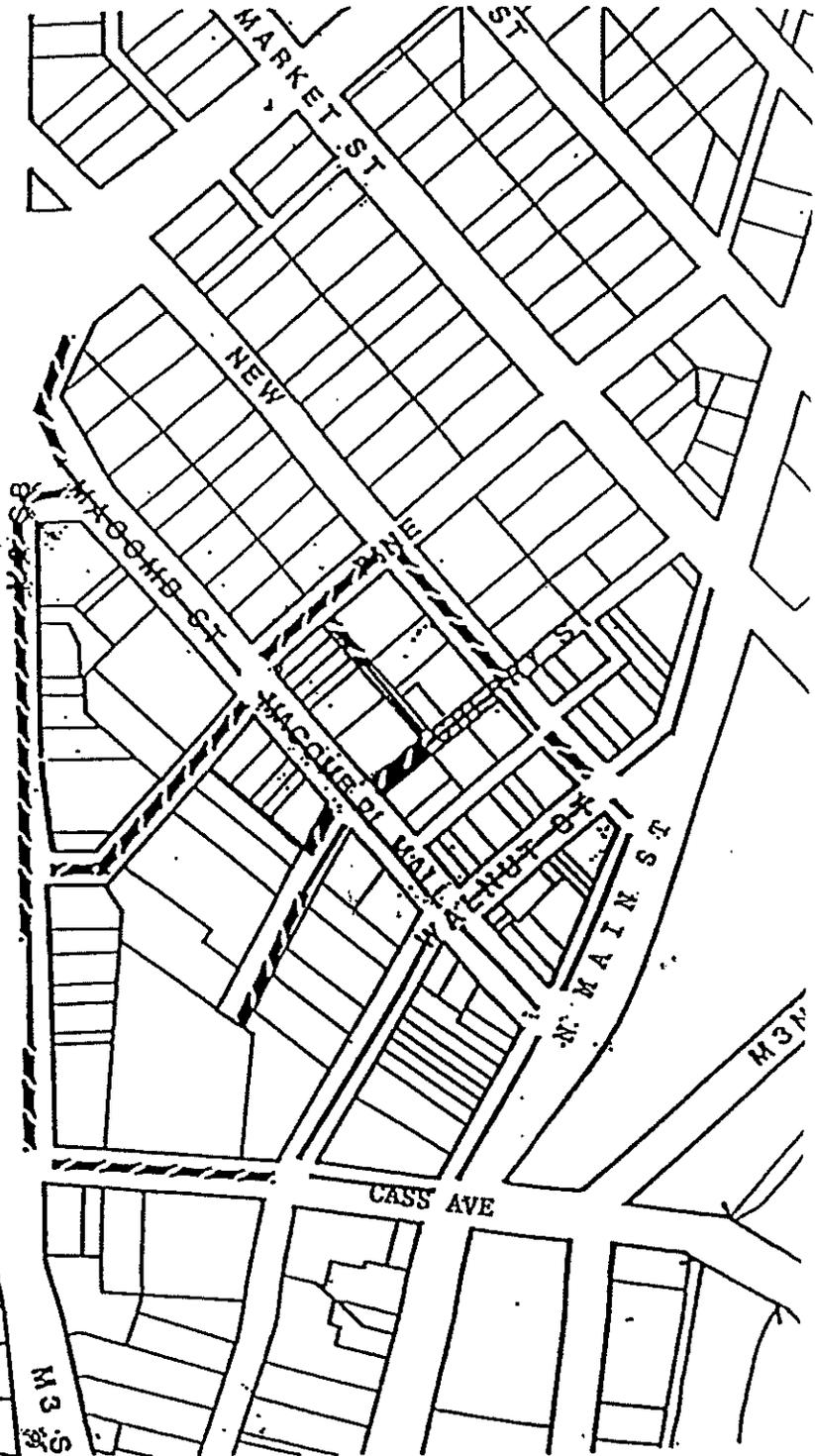
Motion to close the first Public Hearing, adopt rates, Instruct the Assessor to prepare Special Assessment Roll and set date for second Public Hearing on November 21, 2016.



PRIMARY



SECONDARY



Determination of Assessment. The Downtown Development Maintenance Committee has divided the project area into “primary” and “secondary” streets using the following criteria:

- a. Secondary streets are those streets that are used substantially for the passage of traffic into areas other than the businesses which have entrances on those streets.
- b. Even if a business is on a “secondary” street, if its sole business entrance is on that street the frontage in front of that location is designated primary.

DOWNTOWN MALL ESTIMATED ANNUAL COST 2016/2017

Salary /Wages	\$19,400
Road Maintenance (Materials)	\$ 7,600
Contractual Services (Snow Removal, Mall Cleaning)	\$33,000
Total Estimated Cost	\$60,000
Special Assessment/Fund Balance	- \$ 5,100
Special Assessment Roll	\$54,900

EXPLANATION OF AGENDA – November 7, 2016

AGENDA ITEM NO. 9-B

Request Approval Of The Reallocation Of Community Development Block Grant Funds For Fiscal Year 2016

The City of Mount Clemens received an allocation of \$59,633 in CDBG Funding for the 2016 fiscal year. A public hearing was held on October 17, 2016. Staff proposes the reallocation of funds as outlined in the table below.

PROJECT TITLE	DEPARTMENT	PROJECTED DATE OF FUNDING AVAILABILITY	AMOUNT REQUESTED
Clearance and Demolition	Community Development	July 1, 2016	\$59,633
TOTAL			\$59,633

The funds must be spent by December 31, 2017.

SUBMITTED BY: Brian L. Tingley
Community Development Director

RECOMMENDED MOTION: Move to approve the recommended reallocation of CDBG funds for Fiscal Year 2016

EXPLANATION OF AGENDA – November 7, 2016

AGENDA ITEM NO. 9-C

Request to Approve the Water System Capital Improvements Plan from F&V Operations

At the City Commission meeting of July 18, 2016, the Commission approved a draft of the Water System Capital Improvements Plan submitted by F&V Operations, as requested by the Michigan Department of Environmental Quality.

A revision to the Michigan Safe Drinking Water Act, 197 PA 399, mandated that all publicly owned water supplies are required to assemble and submit a Capital Improvements Plan (CIP), identifying the 5-year and 20-year needs of the water system.

In following the guidelines for approval, the Commission reviewed and discussed the possible funding sources for the Plan at the Work Session of September 26, 2016.

As a result of these meetings, attached is the final plan for approval.

SUBMITTED BY:

Lisa Borgacz, Interim City Manager
Blair Selover, F & V Operations

RECOMMENDED MOTION:

Approve the final Capital Improvement Plan, as presented from F&V Operations, for submission to the Michigan Department of Environmental Quality (MDEQ).

Capital Improvement Plan
for the City of Mount Clemens Water System
Prepared by F&V Operations and Resource Management
June 2016

Introduction

The City of Mount Clemens (City) operates a municipal water supply system that provides water to its community as well as a portion of Clinton Township. The water system includes the City's Water Filtration Plant (WFP), a one-million gallon elevated storage tank, a four-million gallon treated water reservoir, transmission mains, and secondary mains for distributing water to the community. F&V Operations and Resource Management (FVOP) is under contract to the City to provide management for the operation and maintenance of the system.

This document is presented to the City's Administration and Council to provide:

- Specific recommendations for capital improvements to be undertaken in the next five years, as well as future planning for the subsequent 15 years, for a comprehensive 20-year plan
- An estimated cost for these improvements based on FVOP experience and, in some cases, manufacturer's or supplier's "ballpark" estimates based on the information currently available

Overview of Current System Condition

It is a requirement of the Michigan Department of Environmental Quality (MDEQ) as part of the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, that all municipalities provide a 5-year and 20-year Capital Improvement Plan to address issues of infrastructure sustainability.

The City's water filtration plant (WFP) was originally constructed in 1929 and was expanded in 1959. The WFP is an historical building, and the treatment equipment currently being utilized is of various age and condition. Some equipment is obsolete, other equipment is reaching the end of useful life, and some equipment is of an age and condition that would allow for rebuilding in order to extend operability. Some WFP needs have been identified in the most recent Sanitary Survey and Water System Evaluation completed by the Michigan Department of Environmental Quality in June 2012.

The distribution system piping is also of various age and condition. Some distribution system components requiring upgrade have already been identified and recommended to the City in the Water System Reliability study completed in June 2010 by Spalding DeDecker Associates, Inc.

Key findings of the Water System Reliability report are listed below:

- The City is fully developed and the current capacity of the WFP exceeds the projected maximum day; therefore, no improvements to expand capacity are anticipated within the 20-year planning period required by regulations.
- As water mains of 4-inch diameter are replaced due to maintenance, they should be replaced with minimum of 6-inch mains.
- There are several residential areas where water main size increases or looping are recommended to provide adequate fire flows and pressure.

Proposed Capital Improvement Plan Highlights

WFP Electrical Switchgear Crib

The current switchgear is in a corroded cabinet and electrical components are exposed to moisture resulting in corrosion problems. This equipment is critical to the operation of the WFP.

Compressed Air System Piping

The current system piping and fittings are not rated for use in a compressed air system. The configuration of the piping requires constant maintenance and could be streamlined to reduce downtime.

Filter Surface Wash System

The filter surface wash piping has been rendered inoperable due to corrosion.

Filter Media

All filters should be evaluated for media loss and media added or replaced as needed.

Emergency Standby Generator

The existing 150 KW generator is undersized can only supply a portion of the WFP, which would be insufficient in the event of an extended electrical outage. The unit is obsolete.

Ozonation System

One of the two ozonation units is inoperable, therefore, there is no redundancy to the system. The second unit has been modified to maintain operation, but the control system is obsolete and is no longer supported by the manufacturer. Ozone is used to reduce the organic compounds that are precursors to Disinfection Byproducts (DBPs), as well as addressing taste and odor issues.

SCADA (Supervisory Control and Data Acquisition) System

The current SCADA system is obsolete and the software is not compatible with the newer Windows operating platforms.

Distribution System Valves

Failed valves throughout the distribution system are causing issues with the isolation of sections of water main in the event of emergency repairs due to main breaks, as well as scheduled replacements, and community development upgrades.

Distribution System Hydrants

Old and obsolete hydrants throughout the distribution system are difficult or impossible to repair due to lack of available replacement parts.

Description	Comments	2017	2018	2019	2020	2021	2037
VENTURI METER PIT PIPES/VALVES/METERS	Replacements for pipes and valves						\$20,000
HARRISON PIT PIPING & VALVES & METER	Replacements for pipes and valves						\$20,000
CROCKER METER PIT PIPING/VALVES/METER	Replacements for pipes and valves						\$20,000
TOWER ELEVATION SCADA, 5 year updates	Upgrades for compatibilty with new computers and overall SCADA system				\$5,000		\$15,000
MADISON TWR CATHODIC SYSTEM	Eventual replacement of current existing system with maintenance contract						\$5,000
MADISON TOWER TANK STRUCTURE	Inspections for corrosion and mud valve						\$17,500
PAINT CEILINGS	Peeling paint on the ceilings in the 1929 sections				\$5,000		\$5,000
FLOORS-LAB AND MEZZANINE	Peeling covering and tiles				\$5,000		\$10,000
PAINT WALLS	Peeling paint on the walls in the 1959 section				\$5,000		\$10,000
DOORS ENTIRE FACILITY	Worn frames, hinges, corroded bases						\$5,000
ROOFS ENTIRE FACILITY	Older buildings will need long term membrane roofing						\$125,000
PAVEMENT ENTIRE FACILITY	Driveway needs to accommodate large trucks						\$50,000
CONCRETE PAD AT LOADING DOCK	Pad needs to accommodate large trucks, currently cracked and eroded						\$10,000
FENCES ENTIRE FACILITY	Address the old barbed wire and hinged gates						\$25,000
59 TRANSFORMER	Age , obsolete PCB potential hazard						\$60,000

ENGINEERING EVALUATION OF FACILITY ELECTRICAL - REMOVAL OF 4800 EQUIPMENT	Determination of cost benefit for replacing obsolete equipment with safer and more efficient equipment				\$20,000		\$20,000
59 H S PUMPS SPEED CONTROL PNL	Recently replaced, but corrosive environment will warrant replacement in ten years						\$20,000
TRNSFR PUMP #1 SPEED CNTRL PNL	Corroded; to be replaced in conjunction with pump				\$7,500		\$7,500
TRNSFR PUMP #2 SPEED CNTRL PNL	New in 2011 but corrosive environment will warrant replacement in ten years.						\$7,500
H.S. PUMP PLC CONTROL PANEL	Will partially be replaced with the SCADA and computer updates						\$12,000
LIGHTING PANELS	Corrosion eventually will render this unsafe						\$12,000
EDISON SWITCHGEAR	Current switchgear is in a corroded cabinet and has acquired corrosion and moisture problems. Bottom of front has completely rusted out.					\$181,500	\$181,500
Cabinet for Switchgear	Old Park metal cabinets are rusted out at the bottom with no moisture seals and/or controls					\$56,000	\$237,500
GAS FURNACE-CHEMICAL ROOM	Old and very badly corroded gas furnace, frequent maintenance				\$14,500		\$70,500
GAS UNIT HEATER 59 TANK BLDG	Heater is in a very corrosive environment, furnace contractor estimation of life of the unit based on current rate of corrosion						\$14,500
DRAVO GAS HEATER-OVER FILTER 5	Heater is in a somewhat corrosive environment, furnace contractor estimation of life of the unit based on current rate of corrosion						\$15,000

GAS HEATER- FLTR RM E. ENTRY	Heater is in a somewhat corrosive environment, furnace contractor estimation of life of the unit based on current rate of corrosion						\$15,000
GAS HEATER-BLEACH BLDG ENTRY	Heater is in a somewhat corrosive environment, furnace contractor estimation of life of the unit based on current rate of corrosion						\$5,000
GAS FURNACE -59 HS PUMP BLDG	Heater is in a somewhat corrosive environment, furnace contractor estimation of life of the unit based on current rate of corrosion						\$15,000
FLASH MIX CL2 RESIDUAL INDICAT	Becoming obsolete, parts no longer available				\$5,000		\$5,000
CHART RECORDER REPLACEMENT	Becoming obsolete, parts no longer available, no more need of supplies like paper charts and ink.						\$5,000
RAW WATER FLOW METER-PUMP RM	Replaces non-working current meter. Will eliminate the deadheading of the raw water pumps - NOT a recommended practice.				\$7,700		\$7,700
RAW WATER PUMP VFD'S	Needed, compatible with raw flow meter				\$21,000		\$28,700
#1 VENTURI FLOW METER MAIN BLD	Long term corrosion will limit the lifespan of the unit						\$21,000
#2 VENTURI FLOW METER MAIN BLD	Long term corrosion will limit the lifespan of the unit						\$24,000
#3 VENTURI FLOW METER 59 H.S.	Long term corrosion will limit the lifespan of the unit						\$24,000
WASH WATER FLOW METER MAIN BLD	Replace with newer accurate model						\$5,500
BACKFLOW PREVENTER-SERVICE H2O	Wear and corrosion will dictate replacement						\$9,000

COMPRESSED AIR SYSTEM ENTIRE FILTER SYSTEM - AND PIPING	Current system is leaking, corroded, does not prevent moisture accumulation anymore; piping and fittings are NOT made for air pressure. Constant maintenance	\$10,500	\$10,500	\$10,500	\$10,500		\$42,000
CHEMICAL PIPING SYSTEMS ENTIRE W/INJECTORS	Will need replacement due to corrosion and integrity issues						\$42,000
WASHWATER PIPING & VALVES ENTIRE SYSTEM - FILTER GALLERY	Extreme corrosion has rendered the surface wash system virtually inoperable - need to address ASAP to continue to meet MI DEQ turbidity standards.				\$69,000		\$69,000
29 BASIN EVALUATION - BYPASS 29 BASIN ENTIRELY & COMBINE INFLUENT LINE TO FILTERS	study costs to connect the 1959 basin effluent with the 1929 filters to reduce operating costs, eliminate the 1929 basin, provide redundancy.				\$20,000		\$89,000
FLOCCULATOR #B4 59 BASIN	Some corrosion, good condition						\$20,000
FLOCCULATOR #B1 59 BASIN	Vibrates badly, shafts need work or replacement				\$31,050		\$31,050
FLASH MIX-MIXER MAIN BLDG.-FLA	Inspected 2015, cleaned and lubricated, estimated life of five years more						\$31,050
RAW WATER PUMP #1 MAIN BLDG.-P	Needs inspection but impellor is wearing out						\$15,000
RAW WATER PUMP #2 MAIN BLDG.-P	Needs inspection but impellor is wearing out						\$73,000
RAW WATER PUMP #3 MAIN BLDG.-P	Impellor replacement 2015						\$73,000
HIGH SERVICE PUMP #1 MAIN BLDG	Vibration analysis demonstrates wear on the sleeves, impellor, and shaft						\$15,000
HIGH SERVICE PUMP #2 MAIN BLDG	Vibration analysis demonstrates wear on the sleeves, impellor, and shaft						\$15,000

HIGH SERVICE PUMP #3 MAIN BLDG	New in 2015, estimated life of 20 years						\$75,000
HIGH SERVICE PUMP #4 MAIN BLDG	Vibration analysis demonstrates wear on the sleeves, impellor, and shaft, rebuilt in 2008, estimated life of 20 years						\$75,000
HIGH SERVICE PUMP #5 1959 PUMP	Vibration analysis demonstrates wear on the sleeves, impellor, and shaft						\$75,000
HIGH SERVICE PUMP #6 1959 PUMP	Vibration analysis demonstrates wear on the sleeves, impellor, and shaft						\$75,000
WASHWATER PUMP MAIN BLDG.-WASH	Vibration analysis demonstrates wear on the sleeves, impellor, and shaft						\$20,000
LAKE STATION SUMP PUMP #1 LAKE	BEING Rebuilt in 2016						\$41,000
LAKE STATION SUMP PUMP #2 LAKE	Current pump in place has operated with out lubrication for several months, impellor and bearings marginal at best	\$30,000					\$30,000
59 BASIN TRANSFER PUMP #1	BADLY CORRODED, TRIPS OUT OCCASIONALLY					\$29,300	\$59,300
59 BASIN TRANSFER PUMP #2	New in 2012, 20 year estimated life span if properly maintained in the corrosive environment						\$29,300
59 BASIN & COLLECTOR SYSTEM 59							\$48,500
FILTER NO. 1 MAIN BLDG. FILTER	Actual quote					\$28,750	\$28,750
FILTER NO. 2 MAIN BLDG. FILTER	Actual quote					\$28,750	\$28,750
FILTER NO. 3 MAIN BLDG. FILTER	Actual quote					\$28,750	\$28,750
FILTER NO. 4 MAIN BLDG. FILTER	Actual quote					\$28,750	\$28,750
FILTER NO. 5 MAIN BLDG. FILTER	Actual quote						\$28,750
FILTER NO. 6 MAIN BLDG. FILTER	Actual quote						\$28,750

FILTER NO. 7 MAIN BLDG. FILTER	Actual quote						\$28,750
FILTER NO. 8 MAIN BLDG. FILTER	Actual quote						\$28,750
FILTER UNDERDRAIN INSPECTION							\$5,000
CHLORINE WEIGH SCALE CHLORINE	Wear and corrosion will dictate replacement						\$5,600
MAIN PLANT SWITCHGEAR	obsolete needs replacement						\$150,000
AUTOCLAVE	Estimated life of the unit						\$18,400
KOHLER 150KW GENERATOR	Insufficient to meet the needs of the plant if there was an electrical outage in the area. Unit is old and parts are obsolete, no longer made. Recent repairs made use of refurbished junkyard parts.						\$250,000
NEW 800 KW GENERATOR	Direct quote from MI CAT				\$180,000		\$180,000
INSTALLATION COSTS	Direct quote from MI CAT				\$300,000		\$480,000
GREAT DANE RIDING MOWER	Wear and corrosion will dictate replacement						\$300,000
OZONATOR NO. 1	Barely works, needs constant maintenance and parts, some of which are no longer made.	\$47,000				\$1,000,000	\$1,047,000
OZONATOR NO. 2	Totally inoperative, parts were robbed off this unit to keep the other one going				\$1,000,000		\$1,000,000
OZONE BLDG GAS DETECTOR	The existing one never worked				\$15,000		\$60,000
OZONE DECK GAS DETECTOR	The existing one never worked				\$15,000		\$30,000
OXYGEN STORAGE TANK SYSTEM - STRUCTURAL INTEGRITY ASSESSMENT	Tank inspection, piping and valve replacements						\$15,000
OZONE BLDG TRANSFORMER	Wear and corrosion will dictate replacement						\$7,500
O3 RESIDUAL INDICATORS	The existing ones never worked properly				\$7,400		\$7,400

RAW WATER TURBIDIMETER W/ PS & COMM	Current unit is obsolete, no parts being made by manufacturer.				\$8,000		\$15,400
OZONE GENERATOR COMPRESSORS	Wear and corrosion will dictate replacement. Will need updated quote from furnace contractor.						\$8,000
E Q BASIN DEWATERING PUMP NO 1	Estimated life of the unit.						\$30,000
E Q BASIN DEWATERING PUMP NO 2	The last one taken out was never replaced, need redundancy	\$30,000					\$30,000
EQ BASIN PLC & CABINET	PLC will need updating.						\$30,000
EQ BASIN #1 STRUCTURAL STUDY	East wall has been blasted by the influent pipes to the point where concrete is eroded and hairline cracks are appearing					\$5,000	\$5,000
EQ BASIN #2 STRUCTURAL STUDY	East wall has been blasted by the influent pipes to the point where concrete is eroded and hairline cracks are appearing					\$5,000	\$10,000
EQ BASIN DEWATERING FLOW METER	GOOD CONDITION						\$5,000
EQ BASIN DECANTING FLOW METER	GOOD CONDITION						\$5,000
WATER PLANT SCADA	OBSOLETE					\$55,000	\$55,000
TRNSFR PUMP #2 SPEED CNTRL PNL	Estimated life of the unit, corrosive atmosphere						\$55,000
WATER PLANT SKID STEER	Estimated life of the unit with good maintenance						\$65,000
STREAMING CURRENT MONITOR	Current unit is erratic at times, seems to be exhibiting wear of internal parts					\$6,800	\$6,800
ACTUATORS	Currently operating but showing some signs of not always opening, electrical components not showing signs of wear						\$6,800

ELECTRICAL CONDUIT AND BOXES 59 BASIN	Extremely corroded to the point of being unsafe, quote from Lawson to replace				\$10,000		\$10,000
ELECTRICAL CONDUIT AND BOXES COLD STORAGE ROOM	Extremely corroded to the point of being unsafe, quote from Lawson to replace				\$5,000		\$15,000
ELECTRICAL CONDUIT AND BOXES CHEMICAL ROOM	Extremely corroded to the point of being unsafe, quote from Lawson to replace				\$5,000		\$10,000
ELECTRICAL CONDUIT AND BOXES CHEMICAL GARAGE	Extremely corroded to the point of being unsafe, quote from Lawson to replace				\$10,000		\$15,000
SECOND ALUM TANK STUDY	USE THE SPACE IN THE GARAGE FOR ADDITIONAL STORAGE, OLD UNUSED FLUORIDE AREA						\$10,000
BOLT REPLACEMENT	BOLTS ON LARGER PIPES AND PARTIALLY SUBMERGED PIPING IN THE LOWER PUMP ROOM	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$240,000
PLANT BRACES AND SUPPORTS	CORRODED AND BROKEN THROUGHOUT THE PLANT, NEEDS TO BE ADDRESSED ASAP	\$16,000			\$16,000		\$112,000
CORROSION CONTROL - EFFLUENT	SACRIFICIAL ANODE FOR PIPES LEAVING THE PLANT, CORROSIVE SOIL						\$32,000
FILTER NO. 1 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND READER, PARTS NO LONGER MADE				\$6,700		\$6,700
FILTER NO. 2 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND READER, PARTS NO LONGER MADE				\$6,700		\$13,400
FILTER NO. 3 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND				\$6,700		\$13,400

	READER, PARTS NO LONGER MADE						
FILTER NO. 4 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND READER, PARTS NO LONGER MADE				\$6,700		\$13,400
FILTER NO. 5 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND READER, PARTS NO LONGER MADE				\$6,700		\$13,400
FILTER NO. 6 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND READER, PARTS NO LONGER MADE				\$6,700		\$13,400
FILTER NO. 7 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND READER, PARTS NO LONGER MADE				\$6,700		\$13,400
FILTER NO. 8 MAIN BLDG. TURBIDIMETER	INCLUDES POWER SUPPLY COMMUNICATOR AND READER, PARTS NO LONGER MADE				\$6,700		\$13,400
PLANT OUTSIDE PIPING - 8 INCH DOMESTIC FOR PLANT	CURRENTLY OPERATING ON REDUNDANT 6 INCH DOMESTIC SUPPLY LINE						\$6,700
SLUDGE DISPOSAL	FIRST FIVE YEARS TO CLEAN UP PRESENT PILES AND BEDS, YEARLY MAINTENANCE AFTER THAT				\$30,000	\$30,000	\$225,000
VALVES	Bad valves throughout the system, becoming harder to shut down water mains for repairs, replacements, and development.	\$69,000	\$69,000	\$69,000	\$69,000	\$69,000	\$1,050,000

HYDRANTS	Many old obsolete hydrants in the system; repairs difficult or impossible to make depending on make of hydrant; parts inventory problems	\$10,000	\$10,000	\$10,000	\$53,000	\$83,000	\$1,200,000
HYDRANT ISOLATION VALVES	Several are missing throughout the system, all could be essentially installed within 5 years with additional funds put aside to replace old valves on newer hydrants				\$12,000	\$12,000	\$190,000
MAINS - REPLACING ALL FOUR INCH PER 2010 RELIABILITY STUDY	6,000 LINEAR FEET IN THE SYSTEM, recommendations from 1998 were not addressed, includes looping in some areas. Corrosion control measures such as polyethylene wrapping, sacrificial anodes, and soil studies also need performing.				\$1,000,000		\$5,000,000
MAINS - REPLACING SIX INCH HIGH MAIN BREAK INCIDENT AREAS	INSTALL NEW 8 INCH FOR REPLACEMENT FOR INTEGRITY, FIREFLOWS, AND LOOPING					\$2,000,000	\$2,600,000
TRANSMISSION MAIN VALVES - CURRENTLY UNABLE TO OPERATE, NEED EVALUATION	Valves have not been exercised in years, not known if they ever have been, especially the transmission mains. Last 2 replacements were done as a DWRF project				\$18,000		\$2,018,000
RECORDS INVENTORY MAPPING GIS	Never been done, records are unfiled and scattered. Need flat filing system.						\$18,000
VALVE OPERATIONAL AUDIT	Never been done. Not known how many valves, what types, if broken, broken shut or broken open, open left or right, bent stems, unknown				\$10,000	\$10,000	\$20,000

	locations, need re packing, other concerns						
BACKHOE	Take present backhoe and use as jackhammer backhoe. Present jackhammer backhoe can be traded in.						\$20,000
GENERAL EQUIPMENT REPLACEMENT FUND	Covers small items like heaters, small sump and chemical pumps				\$75,000	\$75,000	\$150,000
CONFINED SPACE EQUIPMENT	TRIPOD, FALL ARRESTOR, RETRIEVAL SYSTEM, GAS DETECTOR, HARNESES				\$21,000		\$42,000
COMPUTERS AND SOFTWARE INCLUDING SERVICE AGREEMENT, UPDATES, AND LICENSES, DIGITAL CAMERA, BACKUP SYSTEM	5 YEAR UPDATES. Present system is antiquated and most of it cannot be updated. Many of the computer systems do not have any backup. Some of the software is sole source and no replacements are made. Replaces copy and FAX machines also.				\$41,000		\$62,000

**Total Annual Estimated CIP Budgets 2016
Dollars**

\$228,500 \$105,500 \$105,500 \$3,196,250 \$3,748,600 \$19,462,700

EXPLANATION OF AGENDA – November 7, 2016

APPROVE PURCHASES AND PAYMENT OF INVOICES

AGENDA ITEM NO. 9-D

VENDOR (PURCHASES)	DESCRIPTION	FUND/ DEPARTMENT/ APPROPRIATION	ACCOUNT NUMBER	AMOUNT	CURRENT BALANCE
1.Motor City Electric Technologies, Inc. 9440 Grinnell Detroit, MI 48213	On 01/13/14 the City Commission Approved a bid To Motor City Electric for Instrumentation Services for a 1- Year period With a 1-year Extension. At This time we are Requesting to Extend 1 Additional Year per Attached service Agreement under The same terms, Conditions, and Fees.	Sewer-Utilities Fund/ Pump Stations/ Contractual Services	590-53706-818000	\$65.00/hour \$87.00/hour/emergency \$68.00/hour/programming \$55.00/hour/travel	\$811.88
		Sewer-Utilities Fund/ Retention Basin/ Contractual Services	590-53707-818000		\$3,229.56
		Sewer-Utilities Fund/ Operation of Plant/ Contractual Services	590-53708-818000		\$64,325.18
		Water-Utilities Fund/ Operation of Plant/ Contractual Services	591-53708-818000		\$82,878.46
2.Motion Industries 1700 East Avis Drive Madison Heights, MI48071	Reducer for Grit Washer at Wastewater Treatment Plant	Sewer-Utilities Fund/ Operation of Plant/ Repair and Replacement Parts	590-53708-779000	\$2,423.68	\$39,574.19

No invoices at this time.

SUBMITTED BY: Linda A. Kunath, Finance Director/Treasurer

RECOMMENDED MOTION: Approve purchase as presented.

CITY OF MOUNT CLEMENS

Tabulation of sealed bids received and opened on Tuesday, December 17, 2013, for our estimated annual requirement of Instrumentation Services needed by the Water and Sewer Plants:

BIDDER	SCHEDULED SERVICE COSTS/HOUR	EMERGENCY SERVICE COSTS/HOUR	PROGRAMMING SERVICE COST/HOUR	TRAVEL COSTS
1. Motor City Electric Technologies, Inc. 9440 Grinnell Detroit, Michigan 48213	\$65.00	\$87.00	\$68.00	\$55.00/hour (1 hour round trip)

Bid posted on MITN.
Bid posted on Cable.
Bid posted on City's Website.

Marilyn Dluge
Finance Director/Treasurer

PROFESSIONAL SERVICES EXTENSION AGREEMENT

THIS AGREEMENT made and entered into this ____ day of November, 2016, by and between the **CITY OF MOUNT CLEMENS**, a Michigan Municipal Corporation, of One Crocker Boulevard, Mount Clemens, MI 48043, hereinafter referred to as "Owner", and **MOTOR CITY ELECTRIC TECHNOLOGIES, INC.**, a Michigan Corporation, of 9440 Grinnell, Detroit, MI 48213, hereinafter referred to as "Consultant".

WITNESSETH:

WHEREAS, on January 13, 2014, the parties hereto entered into a Services Agreement, wherein Consultant agreed to provide instrumentation services for the Owner's water and wastewater treatment systems; and

WHEREAS, said Instrumentation Services Agreement provided for a term of One (1) year, which expired January 12, 2015 and was extended for two additional one (1) years terms, and expired January 12, 2016.

WHEREAS, Consultant is desirous of extending said Instrumentation Services Agreement, and City ("Owner") is willing to grant an extension of the same.

NOW, THEREFORE, in consideration of the foregoing recitals and undertakings herein contained, ***IT IS AGREED*** between the parties hereto, as follows:

1. That the term of said Instrumentation Services Agreement, shall be and is hereby extended for an additional One (1) year period, ending on the 7th day of November, 2017.
2. Except as hereby modified, all terms and conditions of said Instrumentation Services Agreement dated January 13, 2014, shall remain in full force and effect.
3. This Agreement shall be binding upon the successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

Owner:

CITY OF MOUNT CLEMENS,

By: _____
Barb R. Dempsey, Mayor

By: _____
Lisa Borgacz, Clerk

Consultant:

Motor City Electric Technologies, Inc.
a Michigan Corporation,

By: _____

Its:

CITY OF MOUNT CLEMENS

Tabulation of quotations received for a Winsmith Gearbox Reducer needed for the Grit Washer at the Wastewater Treatment Plant:

BIDDER	TOTAL COST
1.A & C Electric Company 41225 Irwin Road Harrison Township, Michigan 48045	\$2,938.00
2.Motion Industries 1700 East Avis Drive Madison Heights, Michigan 48071	\$2,423.68
3.Walker Process Equipment 840 North Russell Avenue Aurora, Illinois 60506	\$5,875.00

Linda A. Kunath
Finance Director/Treasurer

EXPLANATION OF AGENDA – November 7, 2016

CONSENT AGENDA ITEM NO. 10-A

Second Reading and Adoption of an Amendment to the Recreational Equipment Ordinance Related to the Parking of Equipment During the Winter Months

At its meeting of October 17, 2016, the Commission approved the adoption of the amendment to the Recreational Equipment Ordinances, allowing the parking of recreational equipment not exceeding thirty-six (36) feet in length in a side yard between November 1 and March 31, but not closer than three (3) feet from the side lot line and screened from the adjacent property by a solid fence or landscaping six (6) feet in height.

A summary of the ordinance has been prepared for publication as allowed by Charter Section 10.135. The summary has been prepared as a cost saving measure.

SUBMITTED BY: Brian L. Tingley
Community Development Director

RECOMMEND MOTION: Approve the second reading and adoption of an amendment to the Recreational Equipment Ordinance related to the parking of equipment during the winter months, and approve the Ordinance Summary for publication.

**RECREATIONAL EQUIPMENT ORDINANCE
CITY OF MOUNT CLEMENS
ORDINANCE NO. 17.100**

SUMMARY FOR PUBLICATION

The City of Mount Clemens has created and adopted an amendment to the Recreational Equipment Ordinance, Ordinance No. 17.0100, which regulates the parking and use of recreational equipment within the City's borders.

The ordinance amendment enacts regulations allowing the parking of recreational equipment not exceeding thirty-six (36) feet in length in a side yard between November 1 and March 31, but not closer than three (3) feet from the side lot line and screened from the adjacent property by a solid fence or landscaping six (6) feet in height.

17.100 - RECREATIONAL EQUIPMENT CITY OF MOUNT CLEMENS, MICHIGAN code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; ord. eff. May 27, 2010

17.101 - Sec. 1.

DEFINITION.

As used in this Ordinance, recreational equipment is defined as and shall include the following:

- A. A "travel trailer" is a vehicular structure built on a chassis and propelled by another vehicle to which it may be attached; designed to be used as a temporary dwelling for travel, recreational and vacation uses.
- B. A "pickup camper" is a structure designed primarily to be mounted on a pickup or truck chassis and with sufficient equipment to render it suitable for use as a temporary dwelling for travel, recreational and vacation uses.
- C. A "motorized home" is a portable dwelling designed and constructed as an integral part of a self-propelled vehicle.
- D. A "folding tent trailer" is a canvas folding structure mounted on wheels and designed for travel and vacation uses.
- E. "Boats" and "boat trailers" shall include boats, jet skis, floats, and rafts, plus the normal equipment to transport the same on the highway.
- F. "Snowmobile" shall include all snowmobiles, trailers and normal equipment to transport the same on the highway.

Front yard means the yard on the same lot with a building between the front line of the building and the front lot line and extending to the other side lot line.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; ord. eff. May 27, 2010)

17.102 - Sec. 2.

PERMITTED PARKING AND USE.

Any person may park or store recreational equipment as defined subject to the following conditions:

- A. Recreational equipment parked or stored shall not have fixed connections to electricity, water, gas, or sanitary sewer facilities, and at no time shall this equipment be used for living or housekeeping purposes, except as otherwise provided herein.
- B. If the recreational equipment is parked or stored outside of a garage it shall be parked or stored in the rear open space or behind the front yard of the house or building line and set back from the side and rear lot line a distance of at least three (3) feet. In no case shall any recreational equipment be parked in the front yard.

- D. All recreational equipment must be operational, kept in good repair and carry a current year's license and registration.
- E. The parking or storage of an unoccupied mobile home, being a movable or portable dwelling, constructed to be towed on its own chassis and connected to utilities and designed without a permanent foundation for year-around living is specifically prohibited.
- F. Recreational equipment may not be stored on vacant lots or another resident's property unless the outdoor storage use has been approved by the planning commission. No property shall have more than two recreational vehicles on their property at any time.
- G. Outdoor storage of recreational equipment as outlined above shall be permitted from April 1 through October 31. Outdoor storage between November 1 and March 31 shall only be allowed in the rear yard on an improved surface as approved by the Building Official. If storage in the rear yard is not possible on a lot because of size or topography, recreational equipment not exceeding thirty-six (36) feet in length may be stored in the side yard, but not closer than three (3) feet from the side lot line and screened from the adjacent property by a solid fence or landscaping six (6) feet in height.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; ord. eff. May 27, 2010)

17.103 - Sec. 3.

PROHIBITED PARKING AND USE EXCLUDING ONE, MULTIPLE FAMILY AND RURAL RESIDENTIAL DISTRICTS.

- A. No person shall park or cause to be parked any mobile home or recreational equipment overnight on any street, alley, highway, or other public place.
- B. No mobile home or recreational equipment shall be used or occupied by any person unless there is a clear, unoccupied space of at least ten (10) feet on all sides thereof.
- C. No mobile home or recreational equipment shall at any time be parked between the established setback line and the curb line on any lot.
- D. No person shall park or permit the parking of any occupied mobile home or recreational equipment or use or occupy or permit the use or occupancy of any mobile home or recreational equipment on any site, lot, field, or tract of land not specifically licensed as a mobile home or recreational equipment park, in accordance with the provisions of this Code, except only as provided in this Ordinance.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; ord. eff. May 27, 2010)

17.104 - Sec. 4.

RESERVED.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; rpld. eff. May 27, 2010)

17.105 - Sec. 5.

RESERVED.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; rpld. eff. May 27, 2010)

17.106 - Sec. 6.

SURFACE DRAINAGE PROHIBITED.

No person shall spill or drain any wastewater or liquid waste of any kind except into a sanitary sewer.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; ord. eff. May 27, 2010)

17.107 - Sec. 7.

RESERVED.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; rpld. eff. May 27, 2010)

17.108 - Sec. 8.

RESERVED.

(code eff. Oct., 1958; amend. adopted Oct. 4, 1967; further amend. Jan., 1978; rpld. eff. May 27, 2010)

EXPLANATION OF AGENDA – November 7, 2016

TO: The Honorable Mayor Barb Dempsey and
All City Commissioners

FROM: Lisa Borgacz, Interim City Manager

DATE: November 2, 2016

RE: Report from the City Manager’s Office

1. City Commission Special Meeting: A Special City Commission has been scheduled for Thursday, November 17, 2016 at 5:30 p.m. to interview candidates for the position of City Manager.
2. Election Information: The General Election is Tuesday, November 8, 2016. Polls will be open from 7:00 a.m. until 8:00 p.m. Please contact the City Clerk’s office at 586.469.6818 x310 to confirm your voter’s registration or for information on your voting location.
3. Veterans Day: City offices will be closed on Friday, November 11, 2016 in observance of Veterans Day. Please be advised that trash pickup will run on schedule.
4. Leaf Pickup: City Administration is requesting that residents do not blow or rake leaves into the street. The City’s sanitation contractor will continue to pick up leaves and yard waste in brown paper leaf bags or loose in 25- to 32-gallon containers marked “yard waste” or “compost” until December 9, 2016.
5. No Child Without A Christmas: A reminder that the Mount Clemens Goodfellows will be holding registration for the “No Child Without A Christmas” program on Thursday, November 10th from 9:00 a.m. until 6:00 p.m., and Friday, November 11th from 9:00 a.m. until 4:00 p.m. at the Family Life Center located at First Presbyterian Church, 168 Cass Avenue. For more information, or to make a donation, please contact 586.468.7814.