

# ANN ARBOR CHARTER TOWNSHIP BOARD OF TRUSTEES MEETING AGENDA

Monday, October 21, 2024, at 7:30 PM  
Township Office, 3792 Pontiac Trail, Ann Arbor MI 48105

To participate via video conference call - [Click here to register](#) or [Visit aatwp.org](http://Visit.aatwp.org)

## I. CALL TO ORDER, ESTABLISH QUORUM

## II. APPROVAL OF BOARD OF TRUSTEES MINUTES

- A. Regular Meeting September 16, 2024
- B. Workshop with the Board of Trustees and the Planning Commission September 19, 2024

## III. CITIZEN PARTICIPATION 7:30 - 7:45 - Citizen Participation on Agenda items only. Call the Township Office for reserved time- 663-3418 - before noon on the day of the meeting. Public Comment regarding non-agenda items is at the end of the meeting.

## IV. APPROVE THE AGENDA AND CONSENT AGENDA

- A. Claims Listing: 9-12-24 to 10-17-24 for \$282,237.96
- B. Approve Membership invoice for American Society of Employers in the amount of \$1,250.
- C. Appoint Della DiPietro to the Public Safety Committee

## V. ANNEXATIONS, ORDINANCES, ZONING, RESOLUTIONS

- A. Public Hearing for the 2025 Budget – Colleen Coogan
  - 1) Approve 2025 General Appropriations Act Resolution
- B. Receive Capital Improvement Plan
- C. Approve 3<sup>rd</sup> Quarter budget amendments
- D. Approve the Resolution Approving the Rezoning of Property from A-1 to R-3, ZC-02-24. .
- E. Closed Session
  - 1) Consider the purchase of real property pursuant to Section 8(1)(d) of the Michigan Open Meetings Act (MCL 15.268(1)(d)).
  - 2) Consider entering into closed session pursuant to Section 8(1)(c) of the Open Meetings Act, MCL 15.268(1)(c) for strategy and negotiation sessions connected with the negotiation of a collective bargaining agreement as requested by the Township.
- F. Introduction proposed Amendment to Chapter 74, Zoning, Article V Supplementary District Regulations to Adopt Mineral Mining Code Section 74-592a and Repeal Section 74-592.

**G. Accept the Climate Report – Climate Resilience Committee**

**VI. REPORTS, DISCUSSIONS**

**A. Supervisor’s Report**

**B. Clerk’s Report**

**C. Treasurer’s Report**

**D. Planning Commission Report October 7, 2024**

**E. Committee Report**

1) **Farmland Open Space and Preservation Board Report –Sept 23, 2024**

2) **Utility Committee – September 26, 2024; October 16, 2024**

3) **Climate Resilience Committee – October 4, 2024; October 14, 2024**

4) **Zoning Board of Appeals**

5) **Public Safety Committee**

6) **Roads Committee**

**F. Utilities Department Report**

**G. Public Safety Report**

1) **Washtenaw County Sheriff’s Department**

2) **Fire Department – Chief Mark Nicholai**

**H. Building Department Report**

**VII. INFORMATION ONLY ITEMS**

**VIII. NON-AGENDA ITEMS**

**IX. PUBLIC COMMENT**

**X. ADJOURNMENT**

ANN ARBOR CHARTER TOWNSHIP  
BOARD OF TRUSTEES MEETING  
MINUTES OF MEETING – MONDAY, SEPTEMBER 16, 2024  
TOWNSHIP OFFICES  
3792 PONTIAC TRAIL, ANN ARBOR MI  
7:30 PM

I. CALL TO ORDER, ESTABLISH QUORUM

Supervisor O’Connell called the Ann Arbor Charter Township Board of Trustees meeting to order at 7:30 pm on September 16, 2024.

Present: Supervisor Diane O’Connell  
Treasurer Carlene Colvin-Garcia  
Clerk Rena Basch  
Trustee John Allison  
Trustee Della DiPietro  
Trustee Michael Moran  
Trustee Kristine Olsson

Absent: None

Also Present: Comptroller Coogan  
Utilities Director Judkins  
Fire Chief Nicholai  
Nathan Dupes, Bodman PLC  
Sarah Gabis, Bodman PLC  
Debani T. Gordan Lehman, Bodman PLC

II. APPROVAL OF BOARD OF TRUSTEES MINUTES

A. Regular Meeting August 19, 2024

MOTION by Allison, support by Olsson, to amend and approve the minutes of the August 19, 2024 regular meeting as follows:

- P. 1, under Present, add Trustee DiPietro
- P. 2, under Item 3, Motion, add Colvin-Garcia to those opposed, so that “Motion failed by voice vote 2-5.”
- P. 2, last paragraph, correct name of correspondent from “Koeppel” to “Kunkel” in 2 places.
- P. 4, delete next to last paragraph, starting “It came out in discussion . . .”
- P. 5, under Motion to approve variance, line 4, correct to read: “approves”
- P. 12, under Board discussion – Internal Survey, delete last bullet point.
- P. 13, under Treasurer’s Report, correct to read at the beginning of the second bullet point: “The County . . .”, and at the end of the same bullet point, correct to read: “WRRMA’s (Washtenaw Regional Resources Management Authority) regional curbside collection service group.”

- P. 14, under 5) Zoning Board of Appeals, delete reference to June 18, 2024.
- P. 14, under Utilities Report, correct second bullet point to read: "MDOT is scheduling work on the Joy Road overpass in 2025 and Warren Road overpass in 2026. Warren Road, in that region, is in tough shape and will not last until 2026."
- P. 15, correct name and reference to: "Andrew Ballnick, 3965 East Joy Road, Northfield Township resident," . . .

Motion passed unanimously by voice vote.

**B. Special Meeting September 10, 2024 Open Session**

MOTION by Olsson, support by DiPietro, to amend and approve the September 10, 2024 Special Meeting Open Session minutes as follows:

- P. 1, Under Agenda Item II, delete everything after "Closed Session."
- P. 2, Show that DiPietro voted "yes."

Motion passed unanimously by voice vote.

**C. Special Meeting September 10, 2024 Closed Session**

MOTION by DiPietro, support by Olsson, to approve the September 10, 2024 Special Meeting Closed Session minutes as submitted.

Motion passed unanimously by voice vote.

**III. CITIZEN PARTICIPATION**

None

**IV. APPROVE THE AGENDA AND CONSENT AGENDA**

MOTION by Colvin-Garcia, support by Olsson, to amend and approve the Agenda and Consent Agenda as follows:

- Remove V.D. from the agenda, and renumber subsequent items accordingly.

Motion passed unanimously by voice vote.

Consent Agenda:

- A. Claims Listing: 8-16-24 to 9-11-24 for \$304,902.86
- B. Seventh Amendment to Agreement for Use of a Portion of Domino's Farms Office Park for Athletic Practice Only by Father Gabriel Richard High School Athletic Teams
- C. Appoint Nivedita Biswal to serve on the Climate Resilience Committee

**V. ANNEXATIONS, ORDINANCES, ZONING, RESOLUTIONS**

- A. Audit proposal for Fiscal years 2024, 2025, and 2026 – Kenneth Palka, Pfeffer, Haniford & Palka**

Kenneth Palka presented a three-year audit proposal for fiscal years 2024, 2025, and 2026. He expressed appreciation for the opportunity to submit the proposal and noted the firm's established relationship with the Township.

- Proposed Fees:
  - 2024: \$27,250
  - 2025: \$27,550 (+\$300)
  - 2026: \$27,850 (+\$300)

**MOTION by DiPietro, support by Allison, to approve the audit proposal for fiscal years 2024, 2025, and 2026 from Kenneth Palka, of Pfeffer, Haniford, & Palka.**

**Motion passed unanimously by voice vote.**

**B. 2025 Budget – Comptroller Colleen Coogan**

1. 2025 Budget Discussion
2. Draft Capital Improvement Plan
3. Set Public hearing for the 2025 Budget

**Introduction**

Comptroller Coogan introduced the 2025 budget discussion, the draft Capital Improvement Plan, and the need to set a public hearing for the budget.

Referencing the 2025 Budget Submission narrative, Comptroller Coogan provided the following:

- The Capital Improvement Plan (CIP) – a 10 year plan – is required by the Planning Enabling Act.
- Total appropriation for the Capital Fund and Utility Fund is \$1,946,000.
- Any committee, including the Climate Committee, may propose future expenditures and have those added to the budget; the budget is a living document.
- The Capital Improvement Plan serves as a guide for planning purposes and is not a formal approval of expenditures for specific years.
- The 2025 budget proposal involves reserving money, but actual spending decisions will be made later. The reserved funds provide flexibility to make changes or deny expenditures.

**Fire Department:**

- The Fire Department has \$1.4M for an engine in 2024 and a new engine request for \$1.5M for 2025. For 2026 another \$2M for capital expenditures is proposed, reflecting the Department's ongoing capital replacement plan.
- The \$1.4M set aside for the new fire engine has not yet been spent, although the Chief is expected to finalize specifications soon.
- The option exists to pay for equipment up front, which will result in savings, or payment could be made on delivery, or somewhere in between. The money will be committed when the order is made.
- Each truck being purchased has a 3-year delivery time. Deferring payments to later years will reduce costs savings. When an order is presented to the Board, payment options will be presented.
- Deferring ordering a 2<sup>nd</sup> truck until the 1<sup>st</sup> one arrives would be problematic, due to the 3-year time period for construction and delivery. Currently the Township is spending \$100K

per year on maintenance for the fire engines, and both are often out for service. Both were purchased in the same year.

- A hybrid engine will cost about \$40K more than a traditional one.
- Inflation is the biggest driver of increased costs.
- Idle reduction systems, which reduce emissions by keeping essential systems like lights running without the engine, would cost an additional \$50,000 to \$60,000.
- Fully electric fire engines are about double the cost of traditional engines. The City of Ann Arbor has one; there are none in the County.

### **Utilities Department**

- The mower purchase is delayed. The Sewer TV Project will be starting soon.

### **Tax revenue and millage rates**

- Tax revenues are projected to increase by 2.7%, and tax values will rise by 2.8%. These increases are in line with expectations.
- The Fund Balance Millage Committee is recommending no changes to the current millage rates for public safety, leaving 0.6 available millage points unused. Holding the status quo for millages should still allow for a healthy fund balance that can support future capital commitments. The fund balance will increase due to increased taxable value.

### **Staffing**

The Personnel Committee has not yet met to determine compensation for non-union staff. A contingency amount of \$50K is listed. There is also a \$90K contingency in the Fire Fund which reflects an estimated costs increase. The 2025 contract has not yet been executed.

### **Health care**

Costs are expected to go up just under 10.5%.

### **Public Safety Fund**

The Township will continue to fund four police service units from the Washtenaw Sheriff's Department. Additionally, \$2.3 million will be transferred from the Public Safety Fund to support fire operations.

### **Investment Income**

Investment income is projected to be reduced because of Fire Department expenditures.

### **Cost allocation**

All employees are assigned to a specific cost center – their total cost is then allocated to other cost centers based on the percentage of work performed. This applies specifically to full-time employees who are cross trained to other functions/departments.

### **Roads**

The Township contributes \$266,000 annually to the capital fund for roads. This amount is recorded as a transfer out from the general fund, which then appears in the capital fund, rather than directly in the general fund line item for roads. Unused money for roads accumulates from year to year.

**Comments:**

- Elections budget should be corrected from \$52,000 to \$2,000.
- Technology expense for webpage maintenance contract (\$300/month) should be added in.
- Building Official's hours should be checked for accuracy (works for both building and zoning).

**Set for Public hearing:**

**MOTION by DiPietro, support by Olsson, to set the public hearing for the 2025 budget for the October 21, 2024 Board of Trustees meeting.**

**Motion passed unanimously by voice vote.**

**C. Approve the 2024 L-4029**

The L-4029 form for 2024 certifies the Township's millage rates and must be submitted by the end of September to the County. The form can be amended later in the year after the results of the millage ballot question are known.

**MOTION by DiPietro, support by Allison, to approve the 2024 L-4029 form.**

**Motion passed unanimously by voice vote.**

**CLOSED SESSION:**

**MOTION by Allison, support by DiPietro, to enter into Closed Session to discuss and consult with Township attorneys regarding settlement strategy in connection with specific pending litigation pursuant to MCL15.2689.**

**Roll call vote:**

Moran	yes
DiPietro	yes
Olsson	yes
O'Connell	yes
Basch	yes
Colvin-Garcia	yes
Allison	yes

**Motion carried 7-0.**

The Board entered into Closed Session at 8:24pm and re-entered Open Session at 9:18pm with the following motion:

**MOTION by Colvin-Garcia, support by Basch, to re-enter Open Session.**

**Motion passed unanimously by voice vote.**

**D. Introduction: proposed Amendment to Chapter 74, Zoning, Article V Supplementary District**

## Regulations to Adopt Mineral Mining Code Section 74-592a and Repeal Section 74-592

Supervisor O'Connell noted that this item had been introduced at last month's BOT meeting. Tonight's discussion will allow for further review and feedback. The Planning Commission and the Board of Trustees will also have a joint meeting/workshop on Thursday, September 19, with Township consultants and counsel present.

### Process

Township Attorney Gabis clarified that this meeting serves as the formal introduction of the ordinance, which satisfies the Charter Township amendment requirement. The workshop on Thursday will provide a deeper dive into the ordinance content.

### Discussion:

A zoning ordinance amendment is not required to follow the typical first and second reading process of a general ordinance amendment, and the amendment will not be listed as a "first reading" on the agenda. Since the Planning Commission has already held a public hearing, the Board of Trustees can proceed to adopt the ordinance without additional hearings, or it can choose to hold another public hearing. In any event, it is important to ensure all procedural requirements are met. Tonight will satisfy the Charter Township requirement.

### Discussion regarding changes to the draft amendment based on discussion during the August 19, 2024 Board of Trustees meeting and the September 5, 2024 Planning Commission public hearing:

A wide-ranging discussion covering many aspects of the draft amendment was held. Specific items that might still need changing included:

- Consideration of adding language addressing unsafe road conditions caused by ice and snow, with potential adjustments to cease operations during such conditions.
- Language regarding sound levels may need further revisions.
- Remove reference to the \$250K guarantee, which is misleading, but leave in language allowing the Board to set an appropriate guarantee amount based on covering the specific obligations of the permit.
- Increasing the radius for the hydrogeological study from its current specification to one mile would provide a more comprehensive assessment of water impact.
- Revise the definition of dredging to explicitly state that dredging is an underwater operation, rather than partially underwater or involving scooping, which could have implications for both sound levels and operations.
- The Board appeared to support language that allowed granting a permit *up to* (not to exceed) 5 years.
- Potentially include baseline water quality testing relative to arsenic and 1,4-dioxane levels. (Testing for PFAs levels is considered too complicated to include as a requirement.)
- The Board discussed how groundwater movement and seasonal fluctuations are measured, particularly regarding the potentiometric head. The Township's experts should be asked to ensure that the requested data is readily available and meaningful for this ordinance. A hydrogeological study doesn't necessarily need to span a full year of seasons.
- Even if a mining operation claims it will not dewater or discharge water off-site, a hydrogeological study is still necessary because certain mining activities, like dredging, can

- impact the aquifer. Such studies allow the Township to assess any impacts over time, especially during permit renewals.
- Potentially change the name of “g. Hydrogeological Work Plan” to “g. Hydrogeological Work Plan and Meeting With Consultants.”
  - Revise second sentence of “(h) Renewal” to clarify that applicants cannot apply for a permit renewal unless restoration has begun, and that the renewal will be processed as per the ordinance.
  - Remove the word “clerk” on page 25, m., last line.
  - Regarding banning landfills, while it may be difficult to ban landfills outright, the ordinance can restrict their use in certain contexts, such as reclaimed gravel pits. The reclamation section addresses this by preventing former mining sites from being used as landfills.
  - Utilities Director Judkins suggested adding a requirement for a *certified stormwater operator* under the Soil Erosion Control Plan (p. 18, L.), thus ensuring proper management of stormwater runoff and erosion during mining operations, reducing the need for Township enforcement.

Township Attorney Gabis said that the proposed amendment is structured to provide the Township with better information and oversight for future mining operations. She will prepare a confidential attorney-client memo to explain how the new requirements could be applied to current operations.

Supervisor O’Connell thanked everyone for their input and noted there will be more discussion at the joint meeting on Thursday, September 19, 7:00pm.

#### **E. Fleming Creek Streetlight Assessment Public Hearing**

Supervisor O’Connell introduced the Fleming Creek Streetlight Assessment for Subdivision No. 1 and Subdivision No. 2. Both subdivisions are part of a special assessment district set up to pay for the streetlights. Supervisor O’Connell proposed handling both subdivisions in one public hearing.

Supervisor O’Connell opened the public hearing. As no public indicated they wished to speak, Supervisor O’Connell closed the public hearing and brought the matter back to the Board.

**MOTION by Allison, support by Olsson, to approve the Resolution for FLEMING CREEK SUBDIVISION NO. 1 STREET LIGHTING ASSESSMENT 2024.**

Motion passed unanimously by voice vote.

**MOTION by Colvin-Garcia, support by DiPietro, to approve the Resolution for FLEMING CREEK SUBDIVISION NO. 2 STREET LIGHTING ASSESSMENT 2024.**

Motion passed unanimously by voice vote.

### **VI. REPORTS, DISCUSSIONS**

#### **A. Supervisor’s Report – O’Connell**

- Blueberry Lane construction is expected to be completed by mid to late October 2024.
- Scio Township Sustainability Fair will take place on Sunday, October 6th.
- The Huron River Watershed Council is forming a regional land preservation organization.
- The union contract will be brought forward for discussion soon.
- The Township is still searching for a code enforcement officer and is considering sharing resources with neighboring townships to fill the role. The suggestion was made to include a requirement of being a certified drone operator.
- Supervisor O'Connell attended a Wayne Disposal meeting at Washtenaw Community College regarding radioactive waste from the Manhattan Project site in Niagara County being disposed of in the landfill off I-94 in Van Buren Township.
- Supervisor O'Connell reviewed the report from Grant Writing and Communications Consultant Anne Burke.
  - The survey is being finalized, with MailChimp being used to send the survey to approximately 450 residents.
  - The newsletter is expected to be ready for distribution by mid-October.

Board members discussed the importance of getting the newsletter out as early as possible in October to include information about the upcoming land preservation millage vote. Information about the millage can also be included in the monthly electronic newsletter put out by the Clerk.

Supervisor O'Connell suggested adding a community calendar to the Township website to list local events.

#### **B. Clerk's Report – Basch**

Written report is in the packets, including current election statistics. Of note:

- Over the weekend, an additional 20 people signed up for absentee ballots.
- A draft fire union contract will likely be brought to the Board in October.

#### **C. Treasurer's Report – Colvin-Garcia**

- With the option to pay online, residents have until midnight today to pay their taxes on time. Only 2% of taxes remain unpaid.
- Blueberry Lane paving is scheduled for the week of September 23.
- The Western Washtenaw Recycling Authority (WRRMA) is working on an RFP for curbside collection services, with a target start date for group collection in September 2025. Composting will be part of the RFP.

#### **D. Planning Commission Report, September 5, 2024 – Allison**

Trustee Allison reviewed the September 5, 2024 regular Planning Commission meeting, the draft minutes of which were in the packet.

#### **E. Committee Reports**

##### **1) Farmland Open Space and Preservation Board Report – September 23, 2024**

Did not meet.

##### **2) Utility Committee – O'Connell**

Last met June 6. The revised water contract had not been received by that date, but it has finally been received from the City. The Township's current 20-year water agreement will expire December 31, and the Utilities Committee will meet soon to review the proposal and prepare for the renewal process.

3) **Climate Resilience Committee, September 9, 2024 – O'Connell**

The Committee is working on the Community Energy Management Grant, with two subgroups focusing on:

- Climate Plan: The committee is preparing a climate plan that will be presented in a joint meeting of the Planning Commission and the Board.
- Community Engagement, focusing on ways to involve the community.

The energy audit is scheduled for October. Once completed the Committee will determine next steps for energy efficiency improvements.

4) **Zoning Board of Appeals, September 17, 2024 - Basch**

ZBA will meet tomorrow to approve minutes. No cases are on the agenda.

5) **Public Safety Committee**

Has not met.

6) **Roads Committee**

Has not met.

F. **Utilities Department Report - Judkins**

Written report is in the packet.

Partners for Clean Streams Award Ceremony will be held November 7 at Weber's.

G. **Public Safety Report**

1) **Washtenaw County Sheriff's Department**

Report is in the packets.

Trustee Moran raised concerns about the in- and out- of jurisdiction hours, noting that the Township is essentially acting as a deputy service for Ypsilanti Township, which lacks enough deputies. The Township has already accumulated around 10,000 hours of out-of-jurisdiction services, including 1,200 hours in the most recent report. Most of these hours were spent backing up Ypsilanti Township. The Township is also funding Spanish interpretation services and K-9 units for Ypsilanti Township. The situation has become egregious and needs to be addressed.

Supervisor O'Connell will schedule a meeting with Commander Torres specific to this issue.

2) **Fire Department – Chief Mark Nicholai**

September 2024 report is in the packets. Two purchase requests were included:

- a. Michigan Department of Labor and Economic Opportunity's – 2024, Firefighter Turnout Gear Grant was received and will cover all but \$9,201.15 of seven sets of turnout gear. Full purchase price through Sourcewell is \$30,201.15. The grant will reimburse \$21,000.00

**MOTION by DiPietro, support by Allison, that the Ann Arbor Charter Township Board of Trustees authorize a purchase price for seven sets of structural firefighting gear for \$30,300, with the provision that the Firefighter Turnout Gear Grant will provide the Township with reimbursement in the amount of \$21,000.00.**

**Motion passed unanimously by voice vote.**

- b. Engine 12-2 required a turbocharger replacement costing \$8,640.19 from R&R Fire Truck Repair.

**MOTION by DiPietro, support by Olsson, that the Ann Arbor Charter Township Board of Trustees approve the request not to exceed \$8,700 for the repair of Engine 12-2.**

**Motion passed unanimously by voice vote.**

**H. Building Department Report**

Written report is in the packets.

**VII. INFORMATION ONLY ITEMS**

October 2024 Township Update from the County Road Commission provided in the packets.

**VIII. NON-AGENDA ITEMS**

None

**IX. PUBLIC COMMENT**

None

**X. ADJOURNMENT**

**MOTION by Colvin-Garcia, support by Basch, to adjourn the meeting.**

**Motion passed unanimously by voice vote.**

The meeting was adjourned at pm. 10:24 pm.

**ANN ARBOR CHARTER TOWNSHIP**  
**Planning Commission Workshop Meeting Minutes**  
**Thursday, September 19, 2024, 7:00 pm**  
**Township Office, 3792 Pontiac Trail, Ann Arbor MI 48105**

**I. ROLL CALL**

Meeting was called to order at 7:03 pm by Chair Kotila followed by Roll Call

Planning Commission Members Present: Peter Kotila, Rick Bunch, John Allison, Karen Mendelson

Board of Trustee Members Present: Michial Moran, Kris Olsson, John Allison

Also Present: Sally Elmiger, Erik Humesky, Steve Wright, Sarah Gabis, Diane O'Connell, Carlene Colvin-Garcia, Jennifer Morris

Absent: Lee Gorman, Jill Lada, Randy Perry. Della DiPietro

**II. NEW BUSINESS**

- A. Supervisor O'Connell announced that the Board of Trustees had a quorum. The Board of Trustees then joined the Planning Commission Workshop.
- B. John Allison introduced a discussion using the editable version of the Mineral Mining Ordinance to review page by page.
- C. Sarah Gabis volunteered and noted all document changes per the discussion.
- D. Chair Kotila called for approval of reviewing the document, everyone agreed.

**III. OLD BUSINESS**

- A. Review of Amendment of Chapter 74, Zoning, Article V Supplementary District Regulations to Adopt Mineral Mining Code Section 74-592a and Repeal Section 74-592.

**IV. PUBLIC COMMENT**

- A. Chair Kotila read correspondence from neighbors regarding comments on the Amendment, including record of truck noise, to be noted in the minutes as well as shared with the Board of Trustees
- B. Other comments included Thank you, to the both the PC and the Board of Trustees for the time spent on amending these regulations, reinforcing discussion items such as truck idling, and queueing, and follow up regulations.

**V. ADJOURNMENT**

- A. Motion to Adjourn by John Allison, second by Peter Kotila at 10:05 pm.

**ANN ARBOR CHARTER TOWNSHIP  
BOARD OF TRUSTEES SPECIAL MEETING – THURSDAY, SEPTEMBER 19, 2024  
TOWNSHIP OFFICE 3792 PONTIAC TRAIL, ANN ARBOR, MI**

**MEETING MINUTES**

**Supervisor O’Connell called the Special Meeting to order at 10:10 p.m.**

**Present:** Supervisor Diane O’Connell, Treasurer Carlene Colvin-Garcia, Trustees John Allison, Michael Moran and Kris Olsson.

**Absent:** Clerk Rena Basch and Trustee Della DiPietro

**Also present:** Township Attorney Sarah Gabis

**Trustee Olsson moved to go into closed session to consult with Township attorneys regarding settlement strategy in connection with specific pending litigation pursuant to MCL 15.268(1)(e). Trustee Allison seconded the motion.**

**Roll call vote:**

**Allison – yes**

**Colvin-Garcia - yes**

**Moran - yes**

**O’Connell – yes**

**Olsson - yes**

**Motion passed 5-0.** The Board of Trustees moved into closed session at 10:11 p.m.

**Trustee Moran moved to return to open session. Seconded by Trustee Olsson.**

**Motion passed 5-0.** The Board of Trustees moved into open session at 10:38 p.m.

**Trustee Allison moved to authorize Supervisor O’Connell to execute the Ann Arbor Township Earhart Road Agreement as proposed, and to authorize the expenditure of up to \$25,000 of Ann Arbor Township funds toward the agreement.**

**Seconded by Trustee Olsson.**

**Roll call vote:**

**Allison – yes**

**Colvin-Garcia - yes**

**Moran - yes**

**O’Connell – yes**

**Olsson – yes**

**Motion passed 5-0.**

**Treasurer Colvin-Garcia moved to adjourn. Trustee Allison seconded.**

**Motion passed 5-0.** The Board of Trustees adjourned at 10:41 p.m.

## Jennifer Morris

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**From:** Hollis Dayton <holarbor@sbcglobal.net>  
**Sent:** Wednesday, September 18, 2024 1:47 PM  
**To:** pkotila@comcast.net; Diane O'Connell; Jennifer Morris  
**Subject:** Truck traffic Earhart Rd  
**Attachments:** Earhart Rd Truck noise 924.pdf

Greetings,

As per John Allison's suggestion below, could this conversation and attachment please be forwarded to the Trustees and Planning Commission for the Thursday evening meeting.

Thank you,

Hollis Dayton  
3909 Earhart Rd.

Hi Hollis,

Thanks for this - it is very helpful.

So that both the PC and BOT have this information prior to the meeting - I think the best thing would be to send your email to Peter Kotila, Diane and Jennifer Morris - and ask them forward it to the Trustees and PC as a communication. This way it's a more direct input. You could also feel free to send it to Trustees and PC - but I don't think we have a good single email for all the PC Members.

Thanks

John

On Sep 18, 2024, at 11:22 AM, Hollis Dayton <holarbor@sbcglobal.net> wrote:

Hi John and Rick,

I've been trying to record truck noise the last couple of days. Truck traffic has been unusually light, which has made recording a bit difficult. Also I've noticed there are ten-ton dump trucks that appear to be going to the pit. (?) Not common previous years.

I've observed four variables that impact the decibel and sound frequency;

- Speed

- Road condition

- Type of truck (single vs double train and a few ten-ton dump trucks)

- Loaded or empty trucks

Observing the double train trucks; the speed they are going has definite impact on the noise level

These are max and min out of 10 recordings:

- (recorded very slow empty truck at 67.6 dBA to faster traveling empty truck at 85.7 dBA )

- (recorded slow loaded truck 68.7 dBA to faster traveling loaded truck 96.9 dBA)

North of the stop sign, the small up-hill grade and the washboard condition add significantly to the noise level.

I recorded 3 ten-ton dump trucks, not enough data really, but it seemed without the articulating joint for the extra trailer they were quieter both loaded and empty and at varying speeds ( 56.8 to 86.4 dBA)

The empty trucks clang with a different frequency than the loaded trucks which have a deeper resonance. Not sure how that translates in dBA.

Attached is the individual truck data.

Hope this provides some information you can use to reduce noise levels.

Decibel Truck Data

September 16 – 18, 2024

3909 Earhart Road location

Truck type	North/South bound Empty/full load	perceived speed	max. dBA
Double	S full	moderate	96.9
Double	N empty	very slow	67.6
Double	N empty	slow	85.7
Ten-ton	S full	moderate	86.4
Single	S full	very slow	60.1
Double	S full	slow	68.7
Double	S full	slow	69.4
Ten-ton	N empty	slow	56.8
Double	S full	moderate	88
Double	S full	moderate	95.4

Truck types are: Double train semitrucks (with trailer)

Single semitrucks (with no trailer)

Ten-ton dump trucks

Sept. 19, 2024

To: AA Township trustees, AA Planning Commissioners

From: Robin and Steven Kunkel

Re: Mining code 74-592a Amendment

Dear Government representatives,

We are sorry to not be present, but do want our thoughts known to our elected officials. We feel somewhat like a broken record (that's dating us), as this is the third time we have written to express essentially the same comments.

First, thank you VERY much for all the obviously hard, thoughtful, work that you have done on this extremely important topic. In a township that largely does not have access to city water, the determined, unrelenting, unflinching protection of the aqueous natural resources that we have is paramount. Thank you for tenaciously acting to defend it on behalf of your citizens.

That being said, we are still wondering why there is any, any at all, option for a mining operation to even be allowed to consider dewatering in Ann Arbor township.

Surely, we cannot expect different results from what we experienced in 2022-2023 when residents' wells went dry, and water levels dropped precipitously, where wetlands were destroyed (to the point that it is now too expensive to rescue them), and a previously beautiful lake, alive with fish, was destroyed with massive silt and sludge. There were many very serious consequences that arose from a mine that disregarded the methods it told the township that it would be using. Sadly, as you well know, we had to go to a local judge who found that the dewatering was unreasonable and unwise, if not absurd, and forced the current mine to stop operating. (Note-our water level has only recovered 3 feet in 10 months).

We know that the state allows mines to extract 2M gallons of water a day. Why would we allow a loophole in our township regulations that provides the opportunity for a mining operation to again take our ground water?

Please tell us why this continues to appear in the amendment. Maybe this is for "new" mines? Maybe it MUST be included? Please let us know why dewatering continues to be offered as a mining option. Although Albert Einstein was credited with saying that "*Insanity is doing the same thing over and over again and expecting different results,*" it is widely believed that he did not indeed say this. However, if the township allows mines to even think about dewatering when they operate here, without an ironclad reason, we would be happy to say it about this regulation loophole. Your residents DO NOT want dewatering.

Please rewrite (or eliminate) section 2 d) 1g6.i. (Page 16).

Please rewrite (or eliminate) section 2 f)(1) (Page 25) – PLEASE do not allow dewatering. Please, please.

In addition to dewatering, we are surprised to find any verbiage that there could possibly be wetlands that are expected to be impacted by a mining operation (section 2d) 1g1ii(6) page 10). We feel that with regard to wetlands and surface water within a 2-mile radius of the mine, NO wetlands or surface waters should be affected. If this happens, the mine should not be allowed a CUP or should immediately be forced to shut down.

This is an amazing amendment, clearly the result of a huge amount of work. We just wonder who will be tasked with evaluating the geo-hydro models and environmental impact reports, drawing, measurements, and descriptions for accuracy? Clearly a mine can buy experts, as they have in the past, but it is imperative that the township does not just take their word as gospel. (See section 2d) 1g5iii, iv) page 16. Do not take the cost of hiring an expert from the escrow account – or that account should be revised to cover the cost of the big job this expert will have. (section 2 i) 1a, page 33).

We love the fact that in the CUP the township will not grant a CUP if the requirements of this ordinance have not been met. We love that property values will be considered (section 2)c Page 22. It definitely lowers property values when a business is allowed to function in a rural residential area and harms the ground, and surface water and fragile wetlands – especially when residents depend on that water for their life and livelihood. Destroying our environmental integrity is not good for property values. Where will monitoring wells be installed? We really don't want a monitoring well on our property. Surely that is not good for property values to tell a potential buyer that *"Oh, yes, that is a monitoring well, in case the mine down the road uses up all our well water."* But the data is so important. But of course, if the mine is allowed to dewater, we must keep our eye on them.

Thank you for requiring an ANNUAL report from the mine about its yearly activities! (Page 29-31). However, the cost of the expert evaluation of this annual report should not be taken from the escrow account but paid by the mine. (page 32)

We still think the CUP should not be issued for 5 years, that is too long (page 32).

It stands to reason that a mine will not submit an application saying that their actions will result in a deterioration of township water or hurt the environment or affect the local flora or fauna. The true question is, what are the teeth in the township's regulations that allow for meaningful consequences if bad things happen to good township residents. Is the escrow account large enough? Do you feel that this document gives the township sufficient "teeth" to stop the mine if it is in violation of any of the provisions-without having to take them to court? If we again need to depend on court orders for bad actors, at least please make sure it is iron-clad and a slam-dunk judicially.

THANK YOU for your hard work.  
Steve and Robin Kunkel

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 GENERAL FUND					
Dept 000 OTHER REVENUE ACCOUNT					
101-000-232.000	EMPLOYEE REIMBURSEMENT	VERIZON WIRELESS	CELLPHONES	40.01	2089700918
Total For Dept 000 OTHER REVENUE ACCOUNT				40.01	
Dept 101 BOARD OF TRUSTEES					
101-101-725.000	MEMBERSHIPS - DUES	AMERICAN SOCIETY OF EMF SOUTHEAST	MEMBERSHIP DUES	1,250.00	37987
101-101-909.000	ADVERTISING/PUBLISHING	DETROIT LEGAL NEWS PUB	NEWSPAPER NOTICE FOR FLEMING CREEK	45.00	37958
Total For Dept 101 BOARD OF TRUSTEES				1,295.00	
Dept 171 SUPERVISOR					
101-171-955.200	CONVENTION & CONFERENCES	A2TECH360	ANN ARBOR SPARK SUSTAINABLE FUTURE	35.00	2089700918
Total For Dept 171 SUPERVISOR				35.00	
Dept 228 TECHNOLOGY					
101-228-818.000	SERVICE CONTRACTS	TAZ NETWORKS INC	COMPUTER INSTALLATION	547.66	37954
101-228-818.000	SERVICE CONTRACTS	TAZ NETWORKS INC	INSTALLING TREASURER'S NEW COMPUTE	290.00	37954
101-228-818.000	SERVICE CONTRACTS	AMERICAN IMAGING SERVI	SCANNING DOCUMENTS	600.00	37956
101-228-818.000	SERVICE CONTRACTS	ICC COMMUNITY DEVELOPME	LF CLOUD	5,000.00	37996
101-228-818.000	SERVICE CONTRACTS	MICROSOFT CORPORATION	MICROSOFT 365	128.94	2089700918
101-228-818.000	SERVICE CONTRACTS	MICROSOFT CORPORATION	MICROSOFT 365	8.25	2089700918
101-228-980.000	PURCHASES	STAPLES	OFFICE SUPPLIES & NEW COMPUTERS	1,059.98	37953
101-228-980.000	PURCHASES	AMAZON.COM LLC	NEW USB HUB AND MONITOR CORD	28.97	2089700918
Total For Dept 228 TECHNOLOGY				7,663.80	
Dept 253 TREASURER					
101-253-404.000	PROPERTY TAX ADJUSTMENTS	CHAN CHO YOUNG	REISSUE TAX REFUND CHECK	25.14	37970
101-253-955.200	CONVENTION & CONFERENCES	BS&A SOFTWARE	CHECK AND DEPOSIT RECONCILATION WEI	200.00	37989
101-253-955.200	CONVENTION & CONFERENCES	MICHIGAN TOWNSHIPS ASSC	2024 MTA REGIONAL MEETING	175.00	37998
101-253-961.000	TRNG & IMPROVEMENT FULL-TIME	MICHIGAN TOWNSHIPS ASSC	2024 MTA REGIONAL MEETING	130.00	37998
Total For Dept 253 TREASURER				530.14	
Dept 257 ASSESSOR					
101-257-811.000	LEGAL FEES	HALLAHAN & ASSOCIATES F	LEGAL FEES	894.20	37975
101-257-818.000	IT SERVICES	TAZ NETWORKS INC	IT SERVICES	1,138.50	2089700918
101-257-818.000	IT SERVICES	TAZ NETWORKS INC	IT SERVICES	229.00	2089700918
101-257-818.000	IT SERVICES	TAZ NETWORKS INC	IT SERVICES	1,138.50	2089700918
101-257-818.000	IT SERVICES	TAZ NETWORKS INC	IT SERVICES	229.00	2089700918
Total For Dept 257 ASSESSOR				3,629.20	
Dept 261 OPERATIONS					
101-261-727.000	OFFICE SUPPLIES	STAPLES	OFFICE SUPPLIES & NEW COMPUTERS	485.88	37953
101-261-727.000	OFFICE SUPPLIES	STAPLES	OFFICE SUPPLIES & NEW COMPUTERS	284.59	37953
101-261-727.000	OFFICE SUPPLIES	ENGRAVING CONNECTION	DEBANI LEHMAN & COLLEEN COOGAN	36.50	37993
101-261-727.000	OFFICE SUPPLIES	STAPLES	OFFICE SUPPLIES	493.38	38005
101-261-727.000	OFFICE SUPPLIES	AMAZON.COM LLC	OFFICE SUPPLIES	36.71	2089700918
101-261-727.000	OFFICE SUPPLIES	APG SOLUTIONS	CASH DRAWER DIVIDER	27.87	2089700918
101-261-727.000	OFFICE SUPPLIES	STATE AND FEDERAL POSTE	LABOR LAW POSTER	35.20	2089700918
101-261-728.000	PRINTING/BINDING	OBM	PRINTING	226.77	2089700918
101-261-730.000	POSTAGE & MAILING	UNITED STATES POSTAL SE	BUSINESS REPLY MAIL FOR COMMUNITY I	350.00	37986
101-261-730.000	POSTAGE & MAILING	PITNEY BOWES	POSTAGE	1,200.00	38000

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 GENERAL FUND					
Dept 261 OPERATIONS					
101-261-730.000	Postage Machine Lease	PITNEY BOWES	Postage Machine Lease	180.81	2089700918
101-261-818.000	SERVICE CONTRACTS	TETRA TECH	MASSEY LAKE SAMPLING AND WETLAND RI	627.25	37955
101-261-818.000	SERVICE CONTRACTS	ANN BURKE	GRANT RESEARCH, SURVEY DESIGN, MEE'	1,325.00	37988
101-261-851.000	TELECOMMUNICATIONS	COMCAST CABLE	INTERNET & TV	65.00	2089700918
101-261-851.000	TELECOMMUNICATIONS	VERIZON WIRELESS	CELLPHONES	82.16	2089700918
Total For Dept 261 OPERATIONS				5,457.12	
Dept 262 ELECTION					
101-262-799.003	AUG ELECTION	WASHTENAW COUNTY TREAS	2024 AUGUST PRIMARY ELECTION EARLY	1,352.06	38011
101-262-957.100	GENERAL OPERATING EXPENSES	KROGER	ELECTION FOOD	161.51	2089700918
Total For Dept 262 ELECTION				1,513.57	
Dept 265 BUILDINGS AND GROUNDS					
101-265-920.000	Gas Charges : 3792 Pontiac Trl	DTE Energy Company	Gas Charges : 3792 Pontiac Trl	11.55	2089700915
101-265-920.000	Electric Charges : 3792 Pontiac Trl	DTE Energy Company	Electric Charges : 3792 Pontiac Trl	412.69	2089700915
101-265-920.000	UTILITIES	WM CORPORATE SERVICES	ITRASH PICKUP -August	63.26	2089700918
101-265-920.000	Gas Charges : 3792 Pontiac Trl	DTE Energy Company	Gas Charges : 3792 Pontiac Trl	12.79	2089700923
101-265-920.000	Electric Charges : 3792 Pontiac Trl	DTE Energy Company	Electric Charges : 3792 Pontiac Trl	385.65	2089700923
Total For Dept 265 BUILDINGS AND GROUNDS				885.94	
Dept 266 LEGAL & PROFESSIONAL					
101-266-802.000	Task-200-General-Consultation	Stantec Consulting Mich	Task-200-General-Consultation-AAT-(	1,345.00	37983
101-266-802.000	Task-200-General-Consultation	Stantec Consulting Mich	Task-200-General-Consultation-AAT-(	3,241.00	
101-266-804.000	ACCOUNTING SERVICES	THE WOODHILL GROUP LLC	ACCOUNTING SERVICES	4,000.00	38007
101-266-806.000	CONSULTANTS - OTHER	DANIEL BICKNELL	REISSUE CHECK FOR SITE INSPECTION	2,000.00	37991
101-266-811.000	General	Bodman PLC	General	3,430.00	37966
101-266-811.000	Ordinances	Bodman PLC	Ordinances	10,150.00	37966
101-266-811.000	General	Bodman PLC	General	1,820.00	
101-266-811.000	Ordinances	Bodman PLC	Ordinances	3,220.00	
101-266-811.010	Litigation - Mid Michigan Mat	Bodman PLC	Litigation - Mid Michigan Material	5,745.00	37966
101-266-811.010	Litigation - Mid Michigan Mat	Bodman PLC	Litigation - Mid Michigan Material	14,390.00	
101-266-811.014	LITIGATION- SUN COMMUNITIES	FOSTER, SWIFT, COLLINS	LITIGATION- SUN COMMUNITIES	1,500.00	37947
101-266-811.014	Sun Communities Litigation	Bodman PLC	Sun Communities Litigation	4,080.00	37966
101-266-811.014	Sun Communities Litigation	Bodman PLC	Sun Communities Litigation	2,975.00	
Total For Dept 266 LEGAL & PROFESSIONAL				57,896.00	
Dept 272 FARMLAND SUPPORT					
101-272-920.001	4400 Pontiac Trl/Tilian Farm	DTE Energy Company	4400 Pontiac Trl/Tilian Farm	284.70	2089700915
101-272-920.001	4400 Pontiac Trl/Tilian Farm	DTE Energy Company	4400 Pontiac Trl/Tilian Farm	275.98	2089700923
Total For Dept 272 FARMLAND SUPPORT				560.68	
Dept 701 PLANNING COMMISSION					
101-701-801.000	2024 Master Plan Update	CARLISLE-WORTMAN ASSOCI	2024 Master Plan Update	402.50	37967
101-701-801.000	Planning Consultation	CARLISLE-WORTMAN ASSOCI	Planning Consultation	910.00	37967
101-701-801.000	Plan Consultation	CARLISLE-WORTMAN ASSOCI	Plan Consultation	2,080.00	
101-701-811.000	Planning Commission	Bodman PLC	Planning Commission	1,050.00	37966
101-701-811.000	Planning Commission	Bodman PLC	Planning Commission	2,170.00	
Total For Dept 701 PLANNING COMMISSION				6,612.50	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 GENERAL FUND					
Dept 702 ZONING					
101-702-806.000	Zoning Administration	CARLISLE-WORTMAN ASSOCI	Zoning Administration	2,080.00	37967
101-702-806.000	Zoning Administration	CARLISLE-WORTMAN ASSOCI	Zoning Administration	845.00	
			Total For Dept 702 ZONING	2,925.00	
			Total For Fund 101 GENERAL FUND	89,043.96	
Fund 205 PUBLIC SAFETY FUND					
Dept 301 POLICE/SHERIFF					
205-301-815.000	WASHTENAW COUNTY SHERIFF	WASHTENAW COUNTY TREAS	POLICE SERVICES - SEPT	59,096.68	38010
			Total For Dept 301 POLICE/SHERIFF	59,096.68	
			Total For Fund 205 PUBLIC SAFETY FUND	59,096.68	
Fund 206 FIRE FUND					
Dept 228 TECHNOLOGY					
206-228-818.000	SERVICE CONTRACTS	TAZ NETWORKS INC	COMPUTER INSTALLATION	274.00	37954
206-228-818.000	SERVICE CONTRACTS	MICROSOFT CORPORATION	MICROSOFT 365	244.06	2089700918
206-228-818.000	IT SERVICES	TAZ NETWORKS INC	IT SERVICES	956.50	2089700918
206-228-818.000	IT SERVICES	TAZ NETWORKS INC	IT SERVICES	956.50	2089700918
206-228-980.000	PURCHASES	AMAZON.COM LLC	RETURN OF DEFECTIVE SPEAKER	(38.99)	2089700918
206-228-980.000	PURCHASES	LENOVO INC	NEW PC FOR TREASURER	1,434.92	2089700918
			Total For Dept 228 TECHNOLOGY	3,826.99	
Dept 261 OPERATIONS					
206-261-727.000	Membership Renewal	QUILL CORPORATION	Membership Renewal	69.99	37981
206-261-727.000	Copy Paper / Award Certificat	QUILL CORPORATION	Copy Paper / Award Certificate Pap	72.57	38001
206-261-727.000	File Folders	AMAZON.COM LLC	File Folders	24.50	2089700918
206-261-727.000	Binders	AMAZON.COM LLC	Binders	98.10	2089700918
206-261-728.000	Pinter / Copier Toner	AMAZON.COM LLC	Pinter / Copier Toner	40.89	2089700918
206-261-728.000	Printer / Copier Toner	AMAZON.COM LLC	Printer / Copier Toner	31.99	2089700918
206-261-728.000	PRINTING/BINDING	OBM	PRINTING	297.42	2089700918
206-261-730.000	Postage for Breathing Air Sar	THE UPS STORE	Postage for Breathing Air Sample	5.40	2089700918
206-261-742.000	Magnet	CARPENTER BROS. HARDWAR	Magnet	24.99	37968
206-261-742.000	Replacement NY Hooks	RISE ABOVE FIRE TRAININ	Replacement NY Hooks	600.50	38003
206-261-742.000	Totes / Electrical Plug / MAI	HOME DEPOT USA INC	Totes / Electrical Plug / MAP Gas	72.23	2089700918
206-261-742.000	Laser Level	HOME DEPOT USA INC	Laser Level	59.97	2089700918
206-261-742.000	Wood / Paint	HOME DEPOT USA INC	Wood / Paint	30.96	2089700918
206-261-742.000	Saw Blades	HOME DEPOT USA INC	Saw Blades	18.44	2089700918
206-261-742.002	Pictures	CVS	Pictures	109.47	2089700918
206-261-742.002	Picture Frames	MICHAELS	Picture Frames	155.86	2089700918
206-261-818.000	SERVICE CONTRACTS	COMCAST CABLE	INTERNET & TV	185.45	2089700918
206-261-818.000	SERVICE CONTRACTS	COMCAST CABLE	INTERNET & TV	117.13	2089700918
206-261-821.000	Dispatch Services	EMERGENT HEALTH PARTNER	Dispatch Services	2,388.30	37974
206-261-821.000	Dispatch Services	EMERGENT HEALTH PARTNER	Dispatch Services	2,388.30	37992
206-261-851.000	TELECOMMUNICATIONS	AT&T	FAX NUMBER	54.97	2089700918
206-261-851.000	TELECOMMUNICATIONS	COMCAST CABLE	INTERNET & TV	65.00	2089700918
206-261-851.000	INTERNET-STA 2	COMCAST CABLE	INTERNET & TV	111.95	2089700918
206-261-851.000	TELECOMMUNICATIONS	VERIZON WIRELESS	CELLPHONES	482.26	2089700918
206-261-933.000	Mixed Fuel for Small Engines	TRACTOR SUPPLY CREDIT F	Mixed Fuel for Small Engines	219.95	2089700917

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 206 FIRE FUND					
Dept 261 OPERATIONS					
206-261-933.000	Grill Repair	CARPENTER BROS. HARDWARE	Grill Repair	68.95	37968
206-261-933.000	Grill Repair	AMAZON.COM LLC	Grill Repair	88.28	2089700918
206-261-933.000	Grill Repair	AMAZON.COM LLC	Grill Repair	35.99	2089700918
206-261-955.000	Station Supplies	GORDON FOOD SERVICE	Station Supplies	23.34	2089700918
206-261-955.000	Food for Fire Academy State Testin	GORDON FOOD SERVICE	Food for Fire Academy State Testin	143.88	2089700918
206-261-955.000	Drinking Water / Gatorade	GORDON FOOD SERVICE	Drinking Water / Gatorade	64.42	2089700918
206-261-955.000	Lunch for Live Fire Training Day	LITTLE CEASERS	Lunch for Live Fire Training Day	88.01	2089700918
206-261-955.000	Ice for Training	Marathon	Ice for Training	10.98	2089700918
206-261-955.000	Bar Code Equipment Software Progr	ORCA SCAN	Bar Code Equipment Software Progr	40.00	2089700918
206-261-955.000	Station Supplies	SAM'S CLUB/SYNCHRONY BA	Station Supplies	181.61	2089700918
206-261-955.000	Ice for Training	SPEEDWAY	Ice for Training	5.49	2089700918
206-261-980.000	Replacement Tables	DOUGLAS EDER	Replacement Tables	520.26	37973
Total For Dept 261 OPERATIONS				8,997.80	
Dept 265 BUILDINGS AND GROUNDS					
206-265-775.000	Mops	ANN ARBOR CLEANING SUPP	Mops	86.56	37965
206-265-775.000	SD20	ANN ARBOR CLEANING SUPP	SD20	11.62	2089700918
206-265-775.000	Lysol	HOME DEPOT USA INC	Lysol	12.58	2089700918
206-265-920.000	Gas Charges : 3792 Pontiac Trl	DTE Energy Company	Gas Charges : 3792 Pontiac Trl	11.54	2089700915
206-265-920.000	4319 Goss Rd	DTE Energy Company	4319 Goss Rd	926.34	2089700915
206-265-920.000	Electric Charges : 3792 Pontiac Trl	DTE Energy Company	Electric Charges : 3792 Pontiac Trl	412.68	2089700915
206-265-920.000	Fire Station 4301 GOSS RD BLDG B Ce	DTE Energy Company	Fire Station 4301 GOSS RD BLDG B Ce	19.95	2089700915
206-265-920.000	TRASH PICKUP -August	WM CORPORATE SERVICES I	TRASH PICKUP -August	63.26	2089700918
206-265-920.000	Gas Charges : 3792 Pontiac Trl	DTE Energy Company	Gas Charges : 3792 Pontiac Trl	12.78	2089700923
206-265-920.000	4319 Goss Rd	DTE Energy Company	4319 Goss Rd	874.85	2089700923
206-265-920.000	Electric Charges : 3792 Pontiac Trl	DTE Energy Company	Electric Charges : 3792 Pontiac Trl	385.65	2089700923
206-265-920.000	Fire Station 4301 GOSS RD BLDG B Ce	DTE Energy Company	Fire Station 4301 GOSS RD BLDG B Ce	20.61	2089700923
206-265-933.000	Install Electrical Drop for ATV	A & N ELECTRIC, INC	Install Electrical Drop for ATV	544.15	37961
206-265-933.000	Station 2 Bay Door Repair	ABBEY DOOR LLC	Station 2 Bay Door Repair	150.00	37962
206-265-933.000	Station 1 Replacement Switch	CARPENTER BROS. HARDWARE	Station 1 Replacement Switch	1.99	37968
206-265-933.000	Sandpaper	CARPENTER BROS. HARDWARE	Sandpaper	13.96	37968
206-265-933.000	10 Light Fixtures	MEBULBS - PREMIUM QUALI	10 Light Fixtures	1,285.99	37977
206-265-933.000	Wood Putty / Putty Knife	HOME DEPOT USA INC	Wood Putty / Putty Knife	14.46	2089700918
206-265-933.000	Paint and Brushes	HOME DEPOT USA INC	Paint and Brushes	28.42	2089700918
206-265-933.000	Station 1 - Replacement Ceiling Fan	HOME DEPOT USA INC	Station 1 - Replacement Ceiling Fan	94.90	2089700918
Total For Dept 265 BUILDINGS AND GROUNDS				4,972.29	
Dept 266 LEGAL & PROFESSIONAL					
206-266-811.000	Fire Department	Bodman PLC	Fire Department	350.00	37966
Total For Dept 266 LEGAL & PROFESSIONAL				350.00	
Dept 270 PERSONNEL					
206-270-723.000	Fuller Physical	OCCUPATIONAL HEALTH CEN	Fuller Physical	419.00	37980
206-270-723.000	Becker Physical	OCCUPATIONAL HEALTH CEN	Becker Physical	419.00	37980
206-270-723.000	Fuller TB	OCCUPATIONAL HEALTH CEN	Fuller TB	23.00	37980
206-270-746.000	Nametags x5	ALLIE BROTHERS, INC	Nametags x5	109.95	37964
206-270-746.001	Replacement Turnout Gear x 7	MUNICIPAL EMERGENCY SER	Replacement Turnout Gear x 7	30,266.95	37979
206-270-746.001	USAR / TRT Gloves - Volger	WITMER PUBLIC SAFETY GF	USAR / TRT Gloves - Volger	39.99	37984
206-270-746.001	Fire Gloves x 2	MUNICIPAL EMERGENCY SER	Fire Gloves x 2	238.14	37999

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 206 FIRE FUND					
Dept 270 PERSONNEL					
206-270-746.001	Pant Rental - Green	TURNOUT RENTAL LLC	Pant Rental - Green	720.00	38008
206-270-961.000	Airfare x 2 for Training Pro	DELTA AIR LINES	Airfare x 2 for Training Program	1,737.90	2089700918
206-270-961.000	Rental Car for Fecker / Umfle	HERTZ	Rental Car for Fecker / Umfleet Tr	660.22	2089700918
206-270-961.001	8 EMT Textbooks	JONES & BARTLETT LEARNI	8 EMT Textbooks	1,859.70	37976
206-270-961.001	TRNG. & IMPROVEMENT PART-TIM	Milligan's Northwest Ma	LUNGS AND HEARTS FOR EMT CLASS	100.00	37985
206-270-961.001	7 Students - Through the Loc	WASHTENAW AREA MUTUAL A	7 Students - Through the Lock Forc	175.00	38009
206-270-961.001	CPR Textbooks	American Heart Associat	CPR Textbooks	411.82	2089700918
206-270-961.001	HazMat Training Supplies	CVS	HazMat Training Supplies	19.92	2089700918
206-270-961.001	6 Textbooks	FIREFIGHTER TOOLBOX LLC	6 Textbooks	220.63	2089700918
206-270-961.001	Drivers Training Textbooks	VFIS	Drivers Training Textbooks	160.00	2089700918
Total For Dept 270 PERSONNEL				37,581.22	
Dept 596 TRANSPORTATION					
206-596-748.000	Fuel	CORRIGAN OIL COMPANY NC	Fuel	255.45	37972
206-596-748.000	Fuel	CORRIGAN OIL COMPANY NC	Fuel	1,110.71	37990
206-596-748.000	Reimbursement to Fuel Squad 1	Eric Hulbert	Reimbursement to Fuel Squad 12-2	90.16	37994
206-596-933.000	Motor Oil	ADVANCE AUTO PARTS - AA	Motor Oil	38.27	37963
206-596-933.000	Ladder 2 - 3 Batteries	ADVANCE AUTO PARTS - AA	Ladder 2 - 3 Batteries	418.65	37963
206-596-933.000	Battery Core Return - CREDIT	ADVANCE AUTO PARTS - AA	Battery Core Return - CREDIT	(81.00)	37963
206-596-933.000	Oil Filters, DEF, Washer Flu	ADVANCE AUTO PARTS - AA	Oil Filters, DEF, Washer Fluid, Wi	237.93	37963
206-596-933.000	Water Treatment - Ladder 2	CARPENTER BROS. HARDWA	Water Treatment - Ladder 2	13.98	37968
206-596-933.000	Engine 1 - Primer, Pressure R	R & R FIRE TRUCK REPAI	Engine 1 - Primer, Pressure Relief	8,640.19	37982
206-596-933.000	Ladder 2 - Dead Batteries	FIRE WRENCH OF MICHIGAN	Ladder 2 - Dead Batteries	1,343.52	37995
206-596-933.000	Engine 2 - Air Filter / Air I	FIRE WRENCH OF MICHIGAN	Engine 2 - Air Filter / Air Dryer (	1,271.39	37995
206-596-933.000	Headlight Bulb	ADVANCE AUTO PARTS - AA	Headlight Bulb	15.04	2089700918
206-596-933.000	3 UNLIMITED FAST PASS RENEWA	ZIPPY AUTO WASH LLC	3 UNLIMITED FAST PASS RENEWALS	29.99	2089700918
Total For Dept 596 TRANSPORTATION				13,384.28	
Total For Fund 206 FIRE FUND				69,112.58	
Fund 219 STREET LIGHTING FUND					
Dept 265 BUILDINGS AND GROUNDS					
219-265-920.000	FC streetlights	DTE Energy Company	FC streetlights	420.40	2089700916
219-265-920.000	FC streetlights	DTE Energy Company	FC streetlights	423.59	2089700924
Total For Dept 265 BUILDINGS AND GROUNDS				843.99	
Total For Fund 219 STREET LIGHTING FUND				843.99	
Fund 225 FARMLAND PRESERVATION					
Dept 266 LEGAL & PROFESSIONAL					
225-266-806.000	CONSULTANTS - OTHER	TREEMORE ECOLOGY & LANI	FARMLAND CONSULTING	846.44	37960
225-266-811.000	Farmland Preservation Board	Bodman PLC	Farmland Preservation Board	630.00	
Total For Dept 266 LEGAL & PROFESSIONAL				1,476.44	
Total For Fund 225 FARMLAND PRESERVATION				1,476.44	
Fund 249 BUILDING DEPARTMENT FUND					
Dept 228 TECHNOLOGY					
249-228-818.000	SERVICE CONTRACTS	MICROSOFT CORPORATION	MICROSOFT 365	50.66	2089700918

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 249 BUILDING DEPARTMENT FUND					
Dept 228 TECHNOLOGY					
249-228-980.000	PURCHASES	STAPLES	OFFICE SUPPLIES & NEW COMPUTERS	529.99	37953
249-228-980.000	PURCHASES	STAPLES	OFFICE SUPPLIES & NEW COMPUTERS	109.99	37953
Total For Dept 228 TECHNOLOGY				690.64	
Dept 261 OPERATIONS					
249-261-812.000	INSPECTOR COSTS	GARY WOELKE	INSPECTIONS	1,400.00	37948
249-261-812.000	INSPECTOR COSTS	JAMES RATLIFF	INSPECTIONS	2,400.00	37949
249-261-812.000	INSPECTOR COSTS	MICHAEL COX	INSPECTIONS	240.00	37950
249-261-812.000	INSPECTOR COSTS	RICK PLISKO	INSPECTIONS	640.00	37952
249-261-812.000	INSPECTOR COSTS	CARLISLE-WORTMAN ASSOCI	PLANNING FEES	320.00	37957
249-261-812.000	INSPECTOR COSTS	CARLISLE-WORTMAN ASSOCI	49 DIXBORO	742.50	37957
249-261-812.000	INSPECTOR COSTS	CARLISLE-WORTMAN ASSOCI	4540 GEDDES	472.50	37957
249-261-812.000	INSPECTOR COSTS	CARLISLE-WORTMAN ASSOCI	PLANNING FEES	405.00	37967
249-261-812.000	INSPECTOR COSTS	JAMES RATLIFF	INSPECTIONS	1,120.00	37997
249-261-812.000	INSPECTOR COSTS	RICK PLISKO	INSPECTIONS	560.00	38002
249-261-812.000	INSPECTOR COSTS	STEPHEN HOWARD BROWN	INSPECTIONS	120.00	38006
249-261-812.000	INSPECTOR COSTS	GARY WOELKE	INSPECTIONS	1,480.00	38012
249-261-818.000	SERVICE CONTRACTS	CARLISLE-WORTMAN ASSOCI	4540 GEDDES	270.00	37957
249-261-818.000	SERVICE CONTRACTS	CARLISLE-WORTMAN ASSOCI	4800 E HURON RIVER	67.50	37957
249-261-851.000	TELECOMMUNICATIONS	VERIZON WIRELESS	CELLPHONES	123.24	2089700918
Total For Dept 261 OPERATIONS				10,360.74	
Dept 270 PERSONNEL					
249-270-725.000	MEMBERSHIPS - DUES	WASHTENAW COMMUNITY COI	HUVACO REGISTRATION	150.00	2089700918
Total For Dept 270 PERSONNEL				150.00	
Total For Fund 249 BUILDING DEPARTMENT FUND				11,201.38	
Fund 592 UTILITIES FUND					
Dept 228 TECHNOLOGY					
592-228-818.000	SERVICE CONTRACTS	MICROSOFT CORPORATION	MICROSOFT 365	36.84	2089700918
Total For Dept 228 TECHNOLOGY				36.84	
Dept 261 OPERATIONS					
592-261-779.000	SMALL TOOLS	HOME DEPOT USA INC	HEDGE TRIM TOOL	129.00	2089700918
592-261-818.000	SERVICE CONTRACTS	PARAGON LABORATORIES	IN WATER TESTING	100.00	37951
592-261-818.000	SERVICE CONTRACTS	PARAGON LABORATORIES	IN WATER TESTING	284.00	37951
592-261-818.000	SERVICE CONTRACTS	PARAGON LABORATORIES	IN WATER TESTING	300.00	37959
592-261-818.000	SERVICE CONTRACTS	PARAGON LABORATORIES	IN WATER TESTING	75.00	37959
592-261-818.000	SERVICE CONTRACTS	PARAGON LABORATORIES	IN WATER TESTING	75.00	37959
592-261-818.000	SERVICE CONTRACTS	CITY OF ANN ARBOR	BACTI SAMPLE TESTING	136.00	37971
592-261-818.000	SERVICE CONTRACTS	PARKWAY SERVICES, INC	PORTABLE TOILET	130.00	2089700918
592-261-851.000	TELECOMMUNICATIONS	VERIZON WIRELESS	CELLPHONES	173.25	2089700918
592-261-933.000	REPAIR & MAINTENANCE	CARPENTER BROS. HARDWAF	HARDWARE	109.96	37968
592-261-933.000	REPAIR & MAINTENANCE	CARPENTER BROS. HARDWAF	HARDWARE	15.92	37968
592-261-933.000	REPAIR & MAINTENANCE	SHARE CORPORATION	FULL DIP SANDY LATEX, PRO DIESEL	1,001.56	38004
592-261-933.000	REPAIR & MAINTENANCE	BATTERIES PLUS	BATTERY	91.96	2089700918
592-261-933.000	REPAIR & MAINTENANCE	GALCO	ACH-CP-B-AABI	456.87	2089700918
592-261-933.000	REPAIR & MAINTENANCE	GALCO	REFUNDED AMOUNT	(456.87)	2089700918

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 592 UTILITIES FUND					
Dept 261 OPERATIONS					
592-261-933.000	REPAIR & MAINTENANCE	MENARD INC	HARDWARE & TOOLS	222.39	2089700918
592-261-933.000	REPAIR & MAINTENANCE	SOUTHEASTERN EQUIPMENT	COUPLING TRANSFER	202.37	2089700918
Total For Dept 261 OPERATIONS				3,046.41	
Dept 265 BUILDINGS AND GROUNDS					
592-265-920.000	4620 E Huron Dr	DTE Energy Company	4620 E Huron Dr	81.09	2089700915
592-265-920.000	3701 Plymouth Rd	DTE Energy Company	3701 Plymouth Rd	20.70	2089700915
592-265-920.000	4231 Whitehall Dr	DTE Energy Company	4231 Whitehall Dr	1,006.91	2089700915
592-265-920.000	1300 Earhart Rd	DTE Energy Company	1300 Earhart Rd	30.12	2089700915
592-265-920.000	1947 N Dixboro Rd	DTE Energy Company	1947 N Dixboro Rd	497.13	2089700915
592-265-920.000	1343 Stark Strasse	DTE Energy Company	1343 Stark Strasse	197.98	2089700915
592-265-920.000	3695 Washtenaw	DTE Energy Company	3695 Washtenaw	127.50	2089700915
592-265-920.000	4620 E Huron Dr	DTE Energy Company	4620 E Huron Dr	97.80	2089700923
592-265-920.000	3701 Plymouth Rd	DTE Energy Company	3701 Plymouth Rd	20.41	2089700923
592-265-920.000	4231 Whitehall Dr	DTE Energy Company	4231 Whitehall Dr	1,103.40	2089700923
592-265-920.000	1300 Earhart Rd	DTE Energy Company	1300 Earhart Rd	28.93	2089700923
592-265-920.000	1947 N Dixboro Rd	DTE Energy Company	1947 N Dixboro Rd	473.16	2089700923
592-265-920.000	1343 Stark Strasse	DTE Energy Company	1343 Stark Strasse	163.36	2089700923
592-265-920.000	3695 Washtenaw	DTE Energy Company	3695 Washtenaw	136.25	2089700923
Total For Dept 265 BUILDINGS AND GROUNDS				3,984.74	
Dept 266 LEGAL & PROFESSIONAL					
592-266-802.000	Task-201-Utilities-Consultati	Stantec Consulting Mich	Task-201-Utilities-Consultation-AA'	2,079.00	37983
592-266-802.000	Task-201-Utilities-Consultati	Stantec Consulting Mich	Task-201-Utilities-Consultation-AA'	2,156.00	
592-266-804.000	ACCOUNTING SERVICES	THE WOODHILL GROUP LLC	ACCOUNTING SERVICES	200.00	38007
592-266-811.000	Utilities	Bodman PLC	Utilities	770.00	
Total For Dept 266 LEGAL & PROFESSIONAL				5,205.00	
Dept 270 PERSONNEL					
592-270-955.200	CONVENTION & CONFERENCES	HOLIDAY INN	CLASS FOR ADAM	192.50	2089700918
Total For Dept 270 PERSONNEL				192.50	
Dept 596 TRANSPORTATION					
592-596-933.000	REPAIR & MAINTENANCE	CARQUEST AUTO PARTS	AUTO PARTS	6.64	37969
592-596-933.000	REPAIR & MAINTENANCE	CARQUEST AUTO PARTS	AUTO PARTS	14.10	37969
592-596-933.000	REPAIR & MAINTENANCE	CARQUEST AUTO PARTS	AUTO PARTS	279.10	37969
592-596-933.000	3 UNLIMITED FAST PASS RENEWAI	ZIPPY AUTO WASH LLC	3 UNLIMITED FAST PASS RENEWALS	29.99	2089700918
592-596-933.000	3 UNLIMITED FAST PASS RENEWAI	ZIPPY AUTO WASH LLC	3 UNLIMITED FAST PASS RENEWALS	29.99	2089700918
Total For Dept 596 TRANSPORTATION				359.82	
Total For Fund 592 UTILITIES FUND				12,825.31	
Fund 702 ESCROW FUND					
Dept 000 OTHER REVENUE ACCOUNT					
702-000-249.077	Enginereering Fees	Stantec Consulting Mich	Enginereering Fees	338.00	37983
702-000-249.077	Enginereering Fees	Stantec Consulting Mich	Enginereering Fees	2,861.64	
702-000-249.080	Enginereering Fees	Stantec Consulting Mich	Enginereering Fees	4,503.00	37983
702-000-249.080	Enginereering Fees	Stantec Consulting Mich	Enginereering Fees	6,293.75	
702-000-249.081	Enginereering Fees	Stantec Consulting Mich	Enginereering Fees	69.00	37983

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 702 ESCROW FUND					
Dept 000 OTHER REVENUE ACCOUNT					
702-000-249.081	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	6,319.60	
702-000-262.079	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	823.37	37983
702-000-262.079	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	635.45	
702-000-262.085	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	957.81	
702-000-262.091	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	988.00	37983
702-000-262.091	Task-208-All-Seasons-of-Ann-7	Stantec Consulting Mich	Task-208-All-Seasons-of-Ann-Arbor-1	169.00	37983
702-000-280.147	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	1,309.00	37983
702-000-280.147	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	77.00	
702-000-280.179	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	77.00	37983
702-000-280.179	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	77.00	
702-000-280.203	Legal Fees	Bodman PLC	Legal Fees	3,060.00	37966
702-000-280.203	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	924.00	37983
702-000-280.203	Legal Fees	Bodman PLC	Legal Fees	4,850.00	
702-000-280.203	Planning Fees	CARLISLE-WORTMAN ASSOCI	Planning Fees	195.00	
702-000-280.203	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	1,386.00	
702-000-280.230	Legal Fees	Bodman PLC	Legal Fees	1,000.00	37966
702-000-280.236	Engineereering Fees	Stantec Consulting Mich	Engineereering Fees	684.00	37983
702-000-280.237	Legal Fees	Bodman PLC	Legal Fees	420.00	
702-000-280.238	Legal Fees	Bodman PLC	Legal Fees	425.00	
702-000-280.238	Planning Fees	CARLISLE-WORTMAN ASSOCI	Planning Fees	195.00	
Total For Dept 000 OTHER REVENUE ACCOUNT				38,637.62	
Total For Fund 702 ESCROW FUND				38,637.62	

10/17/2024 02:53 PM  
User: IWHITT  
DB: Ann Arbor Towhsh

INVOICE GL DISTRIBUTION REPORT FOR ANN ARBOR CHARTER TOWNSHIP  
EXP CHECK RUN DATES 09/12/2024 - 10/17/2024  
JOURNALIZED OPEN AND PAID  
BANK CODE: POOL2

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
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Fund Totals:

Fund 101 GENERAL FUND	89,043.96
Fund 205 PUBLIC SAFET	59,096.68
Fund 206 FIRE FUND	69,112.58
Fund 219 STREET LIGHT	843.99
Fund 225 FARMLAND PRE	1,476.44
Fund 249 BUILDING DEF	11,201.38
Fund 592 UTILITIES FU	12,825.31
Fund 702 ESCROW FUND	38,637.62

Total For All Funds:	<u>282,237.96</u>
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**American Society of Employers, Inc.**  
 5505 Corporate Drive, Suite 200  
 Troy, MI 48098  
 Phone 248-223-8048  
 Tax ID 38-0519450

# INVOICE

INVOICE #: OE-10096  
 INVOICE DATE: 09/23/2024  
 DUE DATE: 12/31/2024

**BILL TO:** Ann Arbor Charter Township  
 3792 Pontiac Trail  
 Ann Arbor, MI 48105

**SHIP TO:** Ann Arbor Charter Township  
 3297 Pontiac Trail  
 Ann Arbor, MI 48105

PO #	CUSTOMER #	MEMBERSHIP TERMS	DUE DATE
	29604	1/1/2025 Through 12/31/2025	12/31/2024

DESCRIPTION	QTY	RATE	AMOUNT
Southeast Membership Dues Dues for 26 Employees.	1	\$1,275.00	\$1,275.00
		<b>TOTAL</b>	<b>\$1,275.00</b>
		<b>DISCOUNT IF PAID BY 1/15/25</b>	<b>\$25.00</b>
		<b>*TOTAL IF PAID BEFORE 1/15/25</b>	<b>\$1,250.00</b>

**\*If paid before January 15<sup>th</sup> of 2025, you will receive the above 2024 dues rates**

**Multi-year Options:**

**2-year option:** If you want to lock in your rate through 12/31/2026, please pay: **\$2,550**

**3-year option:** If you want to lock in your rate through 12/31/2027, please pay: **\$3,825**

**CC Payments**

To pay by credit card please visit our website at [www.aseonline.org](http://www.aseonline.org) and click the "Pay Invoice" option at the top right of our webpage.

**ACH Payments**

**Fifth Third Bank Eastern Michigan**  
 One Woodward Avenue  
 Ste. 2600 / MD J0WBT1  
 Detroit, MI 48226  
 Account # 7926245718  
 ABA# 072405455

**Mail Checks only to:**

**American Society of Employers, Inc.**  
 PO Box 639663  
 Cincinnati, OH 45263-9663

**Please send all ACH remittance information and all inquiries to [ASEAR@ASEOnline.org](mailto:ASEAR@ASEOnline.org)**

Calculations as of 08/31/2024

GL NUMBER	DESCRIPTION	2023 ACTIVITY	2024 ACTIVITY THRU 08/31/24	2024 PROJECTED ACTIVITY	2025 DEPT REQUESTED BUDGET	2025 DEPT REQUESTED AMT CHANGE	2025 DEPT REQUESTED % CHANGE
<b>ESTIMATED REVENUES</b>							
<b>Dept 000 - OTHER REVENUE ACCOUNT</b>							
101-000-477.100	FRANCHISE/COMCAST FEE	89,041	64,660	96,000	97,920	1,920	2.00
101-000-540.000	STATE AND LOCAL GRANTS	5,429	11,586	11,500	12,000	500	4.35
101-000-573.000	LOCAL COMMUNITY STABILIZATION SHAF	20,453	6,016	25,000	25,500	500	2.00
101-000-574.000	STATE REVENUE SHARING	470,754	226,588	473,000	465,000	(8,000)	(1.69)
101-000-617.000	ANNEXATION FEE	400	800	1,000	1,000		
101-000-646.000	COPIES & FOIA INCOME		465				
101-000-664.002	LEASE INTEREST	11,448					
101-000-664.003	LEASE AMORTIZATION	89,722					
101-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	360,024	144,837	185,000	150,000	(35,000)	(18.92)
101-000-666.001	DIVIDEND INCOME FROM INSURANCE RET	1,258					
101-000-667.000	RENTAL INCOME	71	65,082	97,000	101,000	4,000	4.12
101-000-684.000	MISCELLANEOUS INCOME	64	100				
101-000-684.001	REIMBURSEMENT OF LEGAL FEES		25,000				
Totals for dept 000 - OTHER REVENUE ACCOUNT		1,049,129	544,778	888,500	852,420	(36,080)	(4.06)
<b>Dept 253 - TREASURER</b>							
101-253-402.000	CURRENT PROPERTY TAXES	261,481	532,606	505,000	545,000	40,000	7.92
101-253-404.000	PROPERTY TAX ADJUSTMENTS	(107)	62				
101-253-412.000	DELINQUENT TAXES	49	942				
101-253-445.000	PENALTIES & INTEREST	4,035	2,433	3,500	3,570	70	2.00
101-253-452.000	SPECIAL ASSESSMENT REVENUE	36,000	6,296				
101-253-626.000	FEES & SERVICES	201	80	100	102	2	2.00
101-253-665.703	INTEREST ON TAX ACCOUNT	48,671	21,863	16,000	16,320	320	2.00
Totals for dept 253 - TREASURER		350,330	564,282	524,600	564,992	40,392	7.70
<b>Dept 272 - FARMLAND SUPPORT</b>							
101-272-667.000	RENTAL INCOME	11,499	8,180				
Totals for dept 272 - FARMLAND SUPPORT		11,499	8,180				
<b>Dept 701 - PLANNING COMMISSION</b>							
101-701-606.000	PC FEES / ADMIN FEES	6,980	10,545	5,000	5,100	100	2.00
101-701-665.002	FUND 500 FC	37		1,000	1,000		
Totals for dept 701 - PLANNING COMMISSION		7,017	10,545	6,000	6,100	100	1.67
<b>Dept 702 - ZONING</b>							
101-702-604.000	LOT SPLITS/BOUNDARY ADJ/PARCEL DIV	150	150	150	150		
101-702-605.000	ZONING BOARD OF APPEALS		1,439	1,000	1,000		
101-702-657.000	FINES/TICKETS			100	100		
Totals for dept 702 - ZONING		150	1,589	1,250	1,250		
<b>Dept 931 - TRANSFERS</b>							
101-931-669.000	TRANSFER IN	325,686					
Totals for dept 931 - TRANSFERS		325,686					
<b>TOTAL ESTIMATED REVENUES</b>		<b>1,743,811</b>	<b>1,129,374</b>	<b>1,420,350</b>	<b>1,424,762</b>	<b>4,412</b>	<b>0.31</b>
<b>APPROPRIATIONS</b>							
<b>Dept 101 - BOARD OF TRUSTEES</b>							
101-101-702.000	PER DIEM	13,200	7,350	14,000	14,000		
101-101-715.005	FICA-EMPLOYER	1,002	562	1,103	1,100	(3)	(0.27)
101-101-725.000	MEMBERSHIPS - DUES	26,990	21,202	25,000	25,000		
101-101-818.000	SERVICE CONTRACTS	17,982	3,818	9,000	10,000	1,000	11.11
101-101-909.000	ADVERTISING/PUBLISHING	2,345	1,725	2,000	2,060	60	3.00
101-101-923.000	STORMWATER	1,723		1,200	1,236	36	3.00

Calculations as of 08/31/2024

GL NUMBER	DESCRIPTION	2023 ACTIVITY	2024 ACTIVITY THRU 08/31/24	2024 PROJECTED ACTIVITY	2025 DEPT REQUESTED BUDGET	2025 DEPT REQUESTED AMT CHANGE	2025 DEPT REQUESTED % CHANGE
<b>APPROPRIATIONS</b>							
<b>Dept 101 - BOARD OF TRUSTEES</b>							
101-101-955.000	MISCELLANEOUS	855		1,000	1,030	30	3.00
Totals for dept 101 - BOARD OF TRUSTEES		64,097	34,657	53,303	54,426	1,123	2.11
<b>Dept 171 - SUPERVISOR</b>							
101-171-703.000	DEPARTMENT HEAD	90,702	66,667	100,000	105,000	5,000	5.00
101-171-707.000	HOURLY PART TIME/FILL IN	4,728	1,850				
101-171-715.001	LIFE INSURANCE	2,241	1,428	2,500	2,500		
101-171-715.004	PENSION/RETIREMENT	9,070	6,667	10,000	10,500	500	5.00
101-171-715.005	FICA-EMPLOYER	7,636	5,432	7,661	8,033	372	4.86
101-171-715.008	RETIREMENT HEALTHCARE BENEFITS	4,200	2,800	4,200	4,200		
101-171-715.009	WORKERS COMP INSURANCE	264	220	200	200		
101-171-715.055	HEALTH EQUIV ADJ/PMTINLIEU	6,487	4,492	7,100	8,220	1,120	15.77
101-171-725.000	MEMBERSHIPS - DUES	133					
101-171-955.100	MILEAGE/TRAVEL	25		500	500		
101-171-955.200	CONVENTION & CONFERENCES	677		750	773	23	3.07
Totals for dept 171 - SUPERVISOR		126,163	89,556	132,911	139,926	7,015	5.28
<b>Dept 215 - CLERK</b>							
101-215-703.000	DEPARTMENT HEAD	78,176	57,460	86,190	90,500	4,310	5.00
101-215-705.000	OVERTIME		686				
101-215-707.000	HOURLY PART TIME/FILL IN	23,719	20,512	40,000	36,764	(3,236)	(8.09)
101-215-715.000	MEDICAL	22,675	14,880	26,500	27,295	795	3.00
101-215-715.001	LIFE INSURANCE	2,095	1,397	2,300	2,400	100	4.35
101-215-715.002	DENTAL	1,753	1,179	1,900	2,000	100	5.26
101-215-715.004	PENSION/RETIREMENT	7,818	5,746	8,619	9,050	431	5.00
101-215-715.005	FICA-EMPLOYER	7,445	5,885	8,913	9,750	837	9.39
101-215-715.008	RETIREMENT HEALTHCARE BENEFITS	4,200	2,800	4,200	4,200		
101-215-715.009	WORKERS COMP INSURANCE	481	367	500	515	15	3.00
101-215-715.050	HEALTH SAVINGS ACCT CONTRIBUTION	6,000	6,000	6,000	6,000		
101-215-724.000	PERSONNEL REALLOCATION	22,004					
101-215-725.000	MEMBERSHIPS - DUES	283	180	300	300		
101-215-909.000	ADVERTISING/PUBLISHING	10	55				
101-215-955.100	MILEAGE/TRAVEL	865	191				
101-215-955.200	CONVENTION & CONFERENCES	1,579		5,000	5,000		
101-215-961.000	TRNG & IMPROVEMENT FULL-TIME	100		1,000	1,000		
Totals for dept 215 - CLERK		179,203	117,338	191,422	194,774	3,352	1.75
<b>Dept 228 - TECHNOLOGY</b>							
101-228-707.000	HOURLY PART TIME/FILL IN				5,000	5,000	
101-228-715.005	FICA-EMPLOYER				400	400	
101-228-818.000	SERVICE CONTRACTS	35,643	17,390	40,000	41,200	1,200	3.00
101-228-933.000	REPAIR & MAINTENANCE	5,020	36	1,000	5,000	4,000	400.00
101-228-980.000	PURCHASES	3,210	3,208	6,000	6,000		
101-228-998.000	EXPENSE ALLOCATION	(18,000)	(9,500)	(19,000)	(16,720)	2,280	(12.00)
Totals for dept 228 - TECHNOLOGY		25,873	11,134	28,000	40,880	12,880	46.00
<b>Dept 253 - TREASURER</b>							
101-253-703.000	DEPARTMENT HEAD	52,831	38,307	57,460	60,333	2,873	5.00
101-253-704.000	WAGES- FULL TIME	64,961	41,427	61,114	61,114		
101-253-705.000	OVERTIME	372	63	100	100		
101-253-706.000	HOLIDAY,SICK & VACATION		513				
101-253-715.000	MEDICAL	6,086	2,822	4,500	5,200	700	15.56
101-253-715.001	LIFE INSURANCE	3,659	2,062	3,400	3,600	200	5.88
101-253-715.002	DENTAL	460	350	2,500	600	(1,900)	(76.00)

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<b>APPROPRIATIONS</b>							
<b>Dept 253 - TREASURER</b>							
101-253-715.004	PENSION/RETIREMENT	11,816	8,031	11,861	12,145	284	2.39
101-253-715.005	FICA-EMPLOYER	9,316	6,324	9,085	9,300	215	2.37
101-253-715.008	RETIREMENT HEALTHCARE BENEFITS	9,100	5,600	8,400	8,400		
101-253-715.009	WORKERS COMP INSURANCE	605	367	400	500	100	25.00
101-253-715.011	EMPLOYEE MEDICAL PREMIUM	(110)	(5)				
101-253-715.050	HEALTH SAVINGS ACCT CONTRIBUTION	6,000	3,107	3,000	3,000		
101-253-715.055	HEALTH EQUIV ADJUSTMENT	7,219	4,739	7,100	8,674	1,574	22.17
101-253-724.000	PERSONNEL REALLOCATION	(45,450)	(28,039)	(56,077)	(55,700)	377	(0.67)
101-253-725.000	MEMBERSHIPS - DUES	451	130	400	400		
101-253-727.000	OFFICE SUPPLIES	208		250		(250)	(100.00)
101-253-727.001	TAX BILLS	3,395	2,971	4,500	6,000	1,500	33.33
101-253-818.000	SERVICE CONTRACTS	6,270	1,335	1,500	6,400	4,900	326.67
101-253-955.000	MISCELLANEOUS	6	165		50	50	
101-253-955.100	MILEAGE/TRAVEL	1,732	338	1,500	400	(1,100)	(73.33)
101-253-955.200	CONVENTION & CONFERENCES	5,153	3,011	5,000	5,000		
101-253-961.000	TRNG & IMPROVEMENT FULL-TIME	245			250	250	
Totals for dept 253 - TREASURER		144,325	93,618	125,993	135,766	9,773	7.76
<b>Dept 257 - ASSESSOR</b>							
101-257-707.000	HOURLY PART-TIME	400	50	1,500	1,545	45	3.00
101-257-715.005	FICA-EMPLOYER	31	4	120	124	4	3.33
101-257-811.000	LEGAL FEES	8,480	7,651	5,000	5,150	150	3.00
101-257-818.000	SERVICE CONTRACTS	57,887	45,103	65,000	66,950	1,950	3.00
101-257-957.100	GENERAL OPERATING EXPENSES	4,245	3,809	5,000	5,150	150	3.00
Totals for dept 257 - ASSESSOR		71,043	56,617	76,620	78,919	2,299	3.00
<b>Dept 261 - OPERATIONS</b>							
101-261-724.000	PERSONNEL REALLOCATION		14,954	29,908	7,600	(22,308)	(74.59)
101-261-727.000	OFFICE SUPPLIES	11,534	3,755	5,500	5,500		
101-261-728.000	PRINTING/BINDING	8,366	5,211	7,500	7,750	250	3.33
101-261-730.000	POSTAGE & MAILING	4,001	5,187	6,000	6,000		
101-261-798.000	SUBSCRIPTIONS/BOOKS		120				
101-261-818.000	SERVICE CONTRACTS	9,702	1,898	7,000	7,000		
101-261-818.002	BANK/MANAGEMENT FEES		722				
101-261-831.000	INSURANCE & BONDS	19,508	11,797	15,000	19,000	4,000	26.67
101-261-851.000	TELECOMMUNICATIONS	6,951	1,656	5,000	5,000		
101-261-933.000	REPAIR & MAINTENANCE	215	328	2,000	2,000		
101-261-955.000	MISCELLANEOUS	886	344	1,000	1,030	30	3.00
101-261-956.004	METRO EXPENSES	1,330	4,830				
101-261-957.000	RESERVE FOR CONTINGENCIES				50,000	50,000	
101-261-961.002	TRAINING & IMPROVEMENT		244				
101-261-998.000	EXPENSE ALLOCATION	(37,300)	(19,583)	(39,165)	(50,900)	(11,735)	29.96
Totals for dept 261 - OPERATIONS		25,193	31,463	39,743	59,980	20,237	50.92
<b>Dept 262 - ELECTION</b>							
101-262-702.000	PER DIEM		300	3,000		(3,000)	(100.00)
101-262-707.000	HOURLY PART TIME/FILL IN		9,599	30,000		(30,000)	(100.00)
101-262-715.005	FICA-EMPLOYER		184				
101-262-799.001	JAN/ FEB ELECTION		1,307				
101-262-799.003	AUG ELECTION		1,160				
101-262-909.000	ADVERTISING/PUBLISHING		195				
101-262-955.101	MILEAGE		27				
101-262-957.100	GENERAL OPERATING EXPENSES	1,787	6,914	15,000	2,000	(13,000)	(86.67)
101-262-980.000	PURCHASES		854	3,000		(3,000)	(100.00)

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<b>APPROPRIATIONS</b>							
<b>Dept 262 - ELECTION</b>							
Totals for dept 262 - ELECTION		1,787	20,540	51,000	2,000	(49,000)	(96.08)
<b>Dept 265 - BUILDINGS AND GROUNDS</b>							
101-265-724.000	PERSONNEL REALLOCATION		9,704	19,408	27,300	7,892	40.66
101-265-818.000	SERVICE CONTRACTS	8,581	4,989	10,000	10,000		
101-265-818.002	BANK/MANAGEMENT FEES	1,040	26				
101-265-920.000	UTILITIES	6,290	4,850	6,500	7,000	500	7.69
101-265-933.000	REPAIR & MAINTENANCE	2,618	1,219	5,000	5,000		
101-265-935.000	GROUNDS CARE & SNOW REMOVAL	208		2,000	2,000		
101-265-955.000	MISCELLANEOUS			1,000	1,030	30	3.00
101-265-980.000	PURCHASES	2,049					
101-265-998.000	EXPENSE ALLOCATION	(17,850)	(13,500)	(27,000)	(4,680)	22,320	(82.67)
Totals for dept 265 - BUILDINGS AND GROUNDS		2,936	7,288	16,908	47,650	30,742	181.82
<b>Dept 266 - LEGAL &amp; PROFESSIONAL</b>							
101-266-802.000	ENGINEERING FEES	25,002	21,975	25,000	25,000		
101-266-804.000	ACCOUNTING SERVICES	41,520	28,592	40,000	42,000	2,000	5.00
101-266-806.000	CONSULTANTS - OTHER	33,257	6,420	20,000	25,000	5,000	25.00
101-266-807.000	AUDIT	24,450	21,950	25,200	28,500	3,300	13.10
101-266-811.000	LEGAL FEES	91,673	83,200	525,000	100,000	(425,000)	(80.95)
101-266-811.008	LITIGATIONS - DANGEROUS BUILDINGS	1,356	30				
101-266-811.009	LITIGATIONS - NEWMAN	546					
101-266-811.010	LITIGATION- MID MICHIGAN MATERIAL	132,044	73,178				
101-266-811.014	LITIGATION- SUN COMMUNITIES	16,940	5,580				
101-266-811.015	LITIGATION - BAYER		5,035				
101-266-811.016	LITIGATION - MARY RE		60				
101-266-998.000	EXPENSE ALLOCATION	(59,000)	(33,000)	(66,000)	(81,630)	(15,630)	23.68
Totals for dept 266 - LEGAL & PROFESSIONAL		307,788	213,020	569,200	138,870	(430,330)	(75.60)
<b>Dept 272 - FARMLAND SUPPORT</b>							
101-272-702.000	PER DIEM	300	500	1,000	1,000		
101-272-715.005	FICA-EMPLOYER	23	38				
101-272-724.001	PERSONNEL ALLOCATION- FUND 871 EMI	162		5,000	5,000		
101-272-806.000	CONSULTANTS - OTHER	2,850					
101-272-818.000	SERVICE CONTRACTS	1,500	900				
101-272-920.001	UTILITIES-TOWNSHIP FARM	2,579	1,759	2,600	2,600		
101-272-933.002	REPAIRS & MAINTENANCE-TOWNSHIP FAF		32	500	500		
101-272-935.001	GROUND CARE & MAINTENANCE-TOWNSHIP			500	500		
101-272-957.100	GENERAL OPERATING EXPENSES		300	1,000	1,000		
Totals for dept 272 - FARMLAND SUPPORT		7,414	3,529	10,600	10,600		
<b>Dept 446 - ROADS</b>							
101-446-818.000	SERVICE CONTRACTS	371,190					
Totals for dept 446 - ROADS		371,190					
<b>Dept 701 - PLANNING COMMISSION</b>							
101-701-702.000	PER DIEM	14,550	11,375	17,150	17,150		
101-701-704.000	WAGES- FULL TIME	30,150	32,370	48,555	48,555		
101-701-705.000	OVERTIME	36	212	250		(250)	(100.00)
101-701-715.000	MEDICAL	12,967	16,203	26,000	29,700	3,700	14.23
101-701-715.001	LIFE INSURANCE	764	1,019	1,700	1,790	90	5.29
101-701-715.002	DENTAL	636	657				
101-701-715.004	PENSION/RETIREMENT	3,019	3,258	4,856	4,856		
101-701-715.005	FICA-EMPLOYER	3,303	3,210	5,150	5,100	(50)	(0.97)
101-701-715.008	RETIREMENT HEALTHCARE BENEFITS	2,800	2,800	4,200	4,200		

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<b>APPROPRIATIONS</b>							
<b>Dept 701 - PLANNING COMMISSION</b>							
101-701-715.009	WORKERS COMP INSURANCE	140	220	300	300		
101-701-715.011	EMPLOYEE MEDICAL PREMIUM	(770)	(1,035)				
101-701-715.050	HEALTH SAVINGS ACCT CONTRIBUTION	3,000	5,893	6,000	6,000		
101-701-724.000	PERSONNEL REALLOCATION	(41,519)	(3,203)	(6,406)		6,406	(100.00)
101-701-725.000	MEMBERSHIP-DUES		725				
101-701-727.000	OFFICE SUPPLIES	283					
101-701-798.000	SUBSCRIPTIONS/BOOKS	893		400	412	12	3.00
101-701-801.000	PLANNER FEES	20,355	21,768	28,000	25,000	(3,000)	(10.71)
101-701-802.001	PREAPP MEETING EXPENSES	550	4,030				
101-701-811.000	LEGAL FEES	12,590	9,060	14,000	14,000		
101-701-818.000	SERVICE CONTRACTS	3,413	1,500	2,500	2,500		
101-701-909.000	ADVERTISING/PUBLISHING	195	45	500	500		
101-701-955.000	MISCELLANEOUS	124	25	1,000	1,000		
101-701-955.200	CONVENTION/CONFERENCES/CLASSES	250					
<b>Totals for dept 701 - PLANNING COMMISSION</b>		<b>67,729</b>	<b>110,132</b>	<b>154,155</b>	<b>161,063</b>	<b>6,908</b>	<b>4.48</b>
<b>Dept 702 - ZONING</b>							
101-702-702.000	PER DIEM	200	200	2,400	2,400		
101-702-707.000	HOURLY PART TIME/FILL IN	14,735	9,970	16,000	16,500	500	3.13
101-702-715.005	FICA-EMPLOYER	1,143	778	1,400	1,450	50	3.57
101-702-724.000	PERSONNEL REALLOCATION	43,295	20,477	40,954	46,100	5,146	12.57
101-702-724.001	PERSONNEL ALLOCATION- FUND 871 EMI			10,000	10,000		
101-702-728.000	PRINTING/BINDING	55					
101-702-806.000	CONSULTANTS - OTHER	7,315	9,390	15,000	15,000		
101-702-811.000	LEGAL FEES	50		6,000	6,000		
101-702-818.000	SERVICE CONTRACTS	300	600				
101-702-909.000	ADVERTISING/PUBLISHING		189	300	300		
101-702-957.100	CODE ENFORCEMENT EXPENSES			500	500		
<b>Totals for dept 702 - ZONING</b>		<b>67,093</b>	<b>41,604</b>	<b>92,554</b>	<b>98,250</b>	<b>5,696</b>	<b>6.15</b>
<b>Dept 751 - PARKS AND RECREATION</b>							
101-751-724.001	PERSONNEL ALLOCATION- FUND 871 EMI	53					
101-751-977.000	TRAIL DEVELOPMENT	39,927			10,000	10,000	
<b>Totals for dept 751 - PARKS AND RECREATION</b>		<b>39,980</b>			<b>10,000</b>	<b>10,000</b>	
<b>Dept 931 - TRANSFERS</b>							
101-931-995.000	TRANSFER OUT		266,000	266,000	266,000		
<b>Totals for dept 931 - TRANSFERS</b>			<b>266,000</b>	<b>266,000</b>	<b>266,000</b>		
<b>TOTAL APPROPRIATIONS</b>		<b>1,501,814</b>	<b>1,096,496</b>	<b>1,808,409</b>	<b>1,439,104</b>	<b>(369,305)</b>	<b>(20.42)</b>
<b>NET OF REVENUES/APPROPRIATIONS - FUND 101</b>		<b>241,997</b>	<b>32,878</b>	<b>(388,059)</b>	<b>(14,342)</b>	<b>373,717</b>	<b>(96.30)</b>
BEGINNING FUND BALANCE		5,896,263	6,138,264	6,138,264	5,750,205	(388,059)	(6.32)
ENDING FUND BALANCE		6,138,260	6,171,142	5,750,205	5,735,863	(14,342)	(0.25)

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ESTIMATED REVENUES							
Dept 000 - OTHER REVENUE ACCOUNT							
104-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	62,310	27,290	30,000	29,000	(1,000)	(3.33)
Totals for dept 000 - OTHER REVENUE ACCOUNT		62,310	27,290	30,000	29,000	(1,000)	(3.33)
TOTAL ESTIMATED REVENUES		62,310	27,290	30,000	29,000	(1,000)	(3.33)
APPROPRIATIONS							
Dept 266 - LEGAL & PROFESSIONAL							
104-266-811.000	LEGAL FEES				100,000	100,000	
104-266-811.014	SUN COMMUNITIES		33,799	50,000		(50,000)	(100.00)
Totals for dept 266 - LEGAL & PROFESSIONAL			33,799	50,000	100,000	50,000	100.00
TOTAL APPROPRIATIONS			33,799	50,000	100,000	50,000	100.00
NET OF REVENUES/APPROPRIATIONS - FUND 104		62,310	(6,509)	(20,000)	(71,000)	(51,000)	255.00
	BEGINNING FUND BALANCE	1,261,665	1,323,976	1,323,976	1,303,976	(20,000)	(1.51)
	ENDING FUND BALANCE	1,323,975	1,317,467	1,303,976	1,232,976	(71,000)	(5.44)

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ESTIMATED REVENUES							
Dept 000 - OTHER REVENUE ACCOUNT							
105-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	6,188	2,723	3,000	3,000		
Totals for dept 000 - OTHER REVENUE ACCOUNT		6,188	2,723	3,000	3,000		
TOTAL ESTIMATED REVENUES		6,188	2,723	3,000	3,000		
APPROPRIATIONS							
Dept 266 - LEGAL & PROFESSIONAL							
105-266-806.000	CONSULTANTS - OTHER	1,923	963	5,000	5,000		
Totals for dept 266 - LEGAL & PROFESSIONAL		1,923	963	5,000	5,000		
TOTAL APPROPRIATIONS		1,923	963	5,000	5,000		
NET OF REVENUES/APPROPRIATIONS - FUND 105		4,265	1,760	(2,000)	(2,000)		
BEGINNING FUND BALANCE		131,929	136,193	136,193	134,193	(2,000)	(1.47)
ENDING FUND BALANCE		136,194	137,953	134,193	132,193	(2,000)	(1.49)

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<b>ESTIMATED REVENUES</b>							
Dept 000 - OTHER REVENUE ACCOUNT							
205-000-573.000	LOCAL COMMUNITY STABILIZATION SHAF	31,750		65,000	66,300	1,300	2.00
205-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	325,270	156,404	130,000	120,000	(10,000)	(7.69)
Totals for dept 000 - OTHER REVENUE ACCOUNT		357,020	156,404	195,000	186,300	(8,700)	(4.46)
Dept 253 - TREASURER							
205-253-402.000	CURRENT PROPERTY TAXES	2,514,623	2,343,824	2,344,200	2,410,000	65,800	2.81
205-253-404.000	PROPERTY TAX ADJUSTMENTS	142	442				
205-253-412.000	DELINQUENT TAXES	475	4,148				
Totals for dept 253 - TREASURER		2,515,240	2,348,414	2,344,200	2,410,000	65,800	2.81
Dept 301 - POLICE/SHERIFF							
205-301-637.000	POLICE SERVICES CONTRACT	64,285	66,214	66,000	68,000	2,000	3.03
205-301-657.000	FINES/TICKETS	1,972	955	2,500	2,550	50	2.00
Totals for dept 301 - POLICE/SHERIFF		66,257	67,169	68,500	70,550	2,050	2.99
<b>TOTAL ESTIMATED REVENUES</b>		<b>2,938,517</b>	<b>2,571,987</b>	<b>2,607,700</b>	<b>2,666,850</b>	<b>59,150</b>	<b>2.27</b>
<b>APPROPRIATIONS</b>							
Dept 215 - CLERK							
205-215-724.000	PERSONNEL REALLOCATION	721			900	900	
Totals for dept 215 - CLERK		721			900	900	
Dept 261 - OPERATIONS							
205-261-998.000	EXPENSE ALLOCATION	4,700	2,468	4,935	5,320	385	7.80
Totals for dept 261 - OPERATIONS		4,700	2,468	4,935	5,320	385	7.80
Dept 266 - LEGAL & PROFESSIONAL							
205-266-998.000	EXPENSE ALLOCATION	7,000	5,500	11,000	8,530	(2,470)	(22.45)
Totals for dept 266 - LEGAL & PROFESSIONAL		7,000	5,500	11,000	8,530	(2,470)	(22.45)
Dept 301 - POLICE/SHERIFF							
205-301-815.000	WASHTENAW COUNTY SHERIFF	687,244	472,773	716,000	746,000	30,000	4.19
Totals for dept 301 - POLICE/SHERIFF		687,244	472,773	716,000	746,000	30,000	4.19
Dept 931 - TRANSFERS							
205-931-995.000	TRANSFER OUT	1,900,000	3,300,000	3,300,000	2,800,000	(500,000)	(15.15)
Totals for dept 931 - TRANSFERS		1,900,000	3,300,000	3,300,000	2,800,000	(500,000)	(15.15)
<b>TOTAL APPROPRIATIONS</b>		<b>2,599,665</b>	<b>3,780,741</b>	<b>4,031,935</b>	<b>3,560,750</b>	<b>(471,185)</b>	<b>(11.69)</b>
<b>NET OF REVENUES/APPROPRIATIONS - FUND 205</b>		<b>338,852</b>	<b>(1,208,754)</b>	<b>(1,424,235)</b>	<b>(893,900)</b>	<b>530,335</b>	<b>(37.24)</b>
BEGINNING FUND BALANCE		6,328,186	6,667,038	6,667,038	5,242,803	(1,424,235)	(21.36)
ENDING FUND BALANCE		6,667,038	5,458,284	5,242,803	4,348,903	(893,900)	(17.05)

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<b>ESTIMATED REVENUES</b>							
Dept 000 - OTHER REVENUE ACCOUNT							
206-000-540.000	STATE AND LOCAL GRANTS	1,140					
206-000-574.000	STATE REVENUE	69,486		80,000	80,000		
206-000-613.000	FIRE TRAINING FEES	5,900	4,900	3,000	5,000	2,000	66.67
206-000-638.000	FIRE RUNS	1,876		5,000	5,000		
206-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	37,731	15,607	15,000	15,000		
206-000-675.100	DONATIONS	4,000	1,000				
206-000-682.000	WORKER'S COMPENSATION REIMBURSEMENT		11,340				
206-000-684.000	MISCELLANEOUS INCOME	1,985	48,590	1,000	1,000		
206-000-698.000	INSURANCE RECOVERY PROCEEDS	9,211					
	Totals for dept 000 - OTHER REVENUE ACCOUNT	131,329	81,437	104,000	106,000	2,000	1.92
Dept 931 - TRANSFERS							
206-931-699.000	TRANSFERS IN	1,900,000	2,200,000	2,200,000	2,300,000	100,000	4.55
	Totals for dept 931 - TRANSFERS	1,900,000	2,200,000	2,200,000	2,300,000	100,000	4.55
<b>TOTAL ESTIMATED REVENUES</b>		<b>2,031,329</b>	<b>2,281,437</b>	<b>2,304,000</b>	<b>2,406,000</b>	<b>102,000</b>	<b>4.43</b>
<b>APPROPRIATIONS</b>							
Dept 228 - TECHNOLOGY							
206-228-818.000	SERVICE CONTRACTS	14,525	7,996	15,000	20,000	5,000	33.33
206-228-933.000	REPAIR & MAINTENANCE	392	23	250	250		
206-228-980.000	PURCHASES	2,413	1,068	3,000	12,000	9,000	300.00
206-228-998.000	EXPENSE ALLOCATION	10,000	5,500	11,000		(11,000)	(100.00)
	Totals for dept 228 - TECHNOLOGY	27,330	14,587	29,250	32,250	3,000	10.26
Dept 261 - OPERATIONS							
206-261-727.000	OFFICE SUPPLIES	1,852	1,663	3,800	3,800		
206-261-728.000	PRINTING/BINDING	5,668	4,201	6,300	7,000	700	11.11
206-261-730.000	POSTAGE & MAILING	241	148	305	350	45	14.75
206-261-742.000	FIRE FIGHTING SUPPLIES	12,656	6,863	16,000	16,000		
206-261-742.001	EMS SUPPLIES	4,628	6,143	5,500	6,000	500	9.09
206-261-742.002	PREVENTION/PUBLIC EDUCATION	1,158	186	1,500	1,500		
206-261-798.000	SUBSCRIPTIONS/BOOKS	461	226	1,000	1,000		
206-261-818.000	SERVICE CONTRACTS	6,225	2,287	6,500	6,500		
206-261-818.002	BANK/MANAGEMENT FEES	6					
206-261-821.000	DISPATCH SERVICES	15,336	14,536	20,000	28,660	8,660	43.30
206-261-831.000	INSURANCE & BONDS	46,414	59,211	50,000	60,000	10,000	20.00
206-261-851.000	TELECOMMUNICATIONS	9,703	4,764	8,600	8,600		
206-261-933.000	EQUIP REPAIR & MAINTENANCE	8,680	9,080	7,200	10,000	2,800	38.89
206-261-933.001	EQUIP CERTIFICATION TESTING	8,332	6,235	5,500	9,000	3,500	63.64
206-261-955.000	MISCELLANEOUS	5,678	4,574	10,000	10,000		
206-261-957.000	RESERVE FOR CONTINGENCIES				90,000	90,000	
206-261-957.100	GENERAL OPERATING EXPENSES			1,300		(1,300)	(100.00)
206-261-976.000	EQUIPMENT PURCH UNDER \$5K	13,146	13,344	15,000	15,000		
206-261-980.000	PURCHASES MISC	9,590	9,184	10,000	10,000		
206-261-998.000	EXPENSE ALLOCATION	13,000	6,825	13,650	15,730	2,080	15.24
	Totals for dept 261 - OPERATIONS	162,774	149,470	182,155	299,140	116,985	64.22
Dept 265 - BUILDINGS AND GROUNDS							
206-265-775.000	JANITORIAL SUPPLIES	70	452	2,000	1,000	(1,000)	(50.00)
206-265-920.000	UTILITIES	26,481	17,040	23,000	30,000	7,000	30.43
206-265-933.000	REPAIR & MAINTENANCE	12,448	5,071	30,000	30,000		
206-265-935.000	GROUNDS CARE & MAINTENANCE	894	1,404	1,000	10,000	9,000	900.00
206-265-998.000	EXPENSE ALLOCATION	10,500	7,750	15,500	2,080	(13,420)	(86.58)

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<b>APPROPRIATIONS</b>							
<b>Dept 265 - BUILDINGS AND GROUNDS</b>							
Totals for dept 265 - BUILDINGS AND GROUNDS		50,393	31,717	71,500	73,080	1,580	2.21
<b>Dept 266 - LEGAL &amp; PROFESSIONAL</b>							
206-266-804.000	ACCOUNTING SERVICES		650		5,000	5,000	
206-266-811.000	LEGAL FEES	3,010	4,270	5,000		(5,000)	(100.00)
206-266-998.000	EXPENSE ALLOCATION	16,000	9,000	18,000	25,230	7,230	40.17
Totals for dept 266 - LEGAL & PROFESSIONAL		19,010	13,920	23,000	30,230	7,230	31.43
<b>Dept 270 - PERSONNEL</b>							
206-270-703.000	DEPARTMENT HEAD	97,343	67,491	101,237	105,033	3,796	3.75
206-270-704.000	WAGES- FULL TIME	429,970	294,244	545,000	545,000		
206-270-704.001	RECRUIT TRAINING COORDINATOR	18,516	24,508	72,500	72,500		
206-270-705.000	OVERTIME	207,082	101,583	160,000	132,000	(28,000)	(17.50)
206-270-705.001	OVERTIME-FLSA	36,194	23,989	38,000	38,500	500	1.32
206-270-706.000	HOLIDAY,SICK & VACATION PAYOUT	37,058	18,253		23,000	23,000	
206-270-707.000	HOURLY FILL IN	44,833	23,178	38,000	35,600	(2,400)	(6.32)
206-270-709.100	UNIFORM ALLOW - FULL TIME	3,900	3,900	5,200	4,530	(670)	(12.88)
206-270-709.200	LONGEVITY	9,000	7,500	5,700	6,500	800	14.04
206-270-709.300	PAID-ON-CALL	201,177	157,649	190,000	195,000	5,000	2.63
206-270-709.400	EMT BONUS	3,750	3,750	4,500	4,500		
206-270-715.000	MEDICAL	159,466	104,070	161,000	212,400	51,400	31.93
206-270-715.001	LIFE INSURANCE	14,398	9,195	17,000	19,000	2,000	11.76
206-270-715.002	DENTAL	8,986	5,775	10,800	13,700	2,900	26.85
206-270-715.004	PENSION/RETIREMENT	81,524	54,745	82,889	87,700	4,811	5.80
206-270-715.005	FICA-EMPLOYER	80,210	57,003	75,098	82,000	6,902	9.19
206-270-715.008	RETIREMENT HEALTHCARE BENEFITS	53,850	19,750	34,000	33,600	(400)	(1.18)
206-270-715.009	WORKERS COMP INSURANCE	47,011	40,637	46,000	46,000		
206-270-715.011	EMPLOYEE MEDICAL PREMIUM	(7,040)	(5,200)				
206-270-715.012	RETIRED FIREFIGHTER HEALTH BENEFIT		1,050		1,800	1,800	
206-270-715.050	HEALTH SAVINGS ACCT CONTRIBUTION	42,165	39,249	42,500	45,000	2,500	5.88
206-270-723.000	EMPLOYMENT PHYSICALS	13,698	4,351	6,000	7,000	1,000	16.67
206-270-724.000	PERSONNEL REALLOCATION	19,268	2,617	5,234	21,300	16,066	306.95
206-270-724.001	PERSONNEL ALLOCATION- FUND 871 EMI	406					
206-270-725.000	MEMBERSHIPS - DUES	1,500	(13,657)	2,300	5,500	3,200	139.13
206-270-746.000	UNIFORM EXPENSE	12,141	7,908	19,000	19,000		
206-270-746.001	PERSONAL PROTECTIVE EQUIP	9,309	16,843	55,000	55,000		
206-270-746.002	UNIFORM ALLOWANCE DEPARTMENT HEAD		650		650	650	
206-270-955.200	CONVENTION & CONFERENCES	186	609	1,700	1,700		
206-270-961.000	TRNG & IMPROVEMENT FULL-TIME	8,666	5,825	10,000	11,000	1,000	10.00
206-270-961.001	TRNG. & IMPROVEMENT PART-TIME	24,085	14,528	16,000	17,000	1,000	6.25
Totals for dept 270 - PERSONNEL		1,658,652	1,091,993	1,744,658	1,841,513	96,855	5.55
<b>Dept 596 - TRANSPORTATION</b>							
206-596-748.000	GASOLINE & DIESEL	26,607	17,907	27,500	30,000	2,500	9.09
206-596-933.000	REPAIR & MAINTENANCE	109,639	51,905	85,214	100,000	14,786	17.35
206-596-955.100	MILEAGE/TRAVEL	571	4				
206-596-980.000	PURCHASES	35					
Totals for dept 596 - TRANSPORTATION		136,852	69,816	112,714	130,000	17,286	15.34
<b>Dept 901 - CAPITAL PURCHASES</b>							
206-901-976.001	EQUIP PURCH OVER \$5	9,862					
Totals for dept 901 - CAPITAL PURCHASES		9,862					
<b>Dept 931 - TRANSFERS</b>							
206-931-995.000	TRANSFER OUT	6,067					

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APPROPRIATIONS							
Dept 931 - TRANSFERS							
	Totals for dept 931 - TRANSFERS	6,067					
TOTAL APPROPRIATIONS							
		2,070,940	1,371,503	2,163,277	2,406,213	242,936	11.23
NET OF REVENUES/APPROPRIATIONS - FUND 206							
		(39,611)	909,934	140,723	(213)	(140,936)	(100.15)
	BEGINNING FUND BALANCE	1,054,631	1,015,021	1,015,021	1,155,744	140,723	13.86
	ENDING FUND BALANCE	1,015,020	1,924,955	1,155,744	1,155,531	(213)	(0.02)

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ESTIMATED REVENUES							
Dept 000 - OTHER REVENUE ACCOUNT							
211-000-502.003	FEMA GRANTS	41,818					
211-000-540.000	STATE AND LOCAL GRANTS	31,901		140,000	50,000	(90,000)	(64.29)
Totals for dept 000 - OTHER REVENUE ACCOUNT		73,719		140,000	50,000	(90,000)	(64.29)
Dept 336 - FIRE DEPARTMENT							
211-336-699.000	TRANSFERS IN	6,067					
Totals for dept 336 - FIRE DEPARTMENT		6,067					
Dept 931 - TRANSFERS							
211-931-699.000	TRANSFERS IN	35,000					
Totals for dept 931 - TRANSFERS		35,000					
TOTAL ESTIMATED REVENUES		114,786		140,000	50,000	(90,000)	(64.29)
APPROPRIATIONS							
Dept 228 - TECHNOLOGY							
211-228-980.000	PURCHASES			100,000		(100,000)	(100.00)
Totals for dept 228 - TECHNOLOGY				100,000		(100,000)	(100.00)
Dept 336 - FIRE DEPARTMENT							
211-336-958.016	TURNOUT GEAR GRANT	46,000					
211-336-958.018	SECURITY CAMERAS	3,771					
Totals for dept 336 - FIRE DEPARTMENT		49,771					
Dept 751 - PARKS AND RECREATION							
211-751-802.000	ENGINEERING FEES	65,015	9,985	40,000		(40,000)	(100.00)
Totals for dept 751 - PARKS AND RECREATION		65,015	9,985	40,000		(40,000)	(100.00)
Dept 901 - CAPITAL PURCHASES							
211-901-976.001	EQUIP PURCH OVER \$5				50,000	50,000	
Totals for dept 901 - CAPITAL PURCHASES					50,000	50,000	
TOTAL APPROPRIATIONS		114,786	9,985	140,000	50,000	(90,000)	(64.29)
NET OF REVENUES/APPROPRIATIONS - FUND 211			(9,985)				
BEGINNING FUND BALANCE							
ENDING FUND BALANCE			(9,985)				

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ESTIMATED REVENUES							
Dept 000 - OTHER REVENUE ACCOUNT							
219-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	40	31				
Totals for dept 000 - OTHER REVENUE ACCOUNT		40	31				
Dept 253 - TREASURER							
219-253-402.000	CURRENT PROPERTY TAXES			4,650	4,790	140	3.01
219-253-452.000	SPECIAL ASSESSMENT REVENUE	4,966	4,966				
Totals for dept 253 - TREASURER		4,966	4,966	4,650	4,790	140	3.01
TOTAL ESTIMATED REVENUES		5,006	4,997	4,650	4,790	140	3.01
APPROPRIATIONS							
Dept 261 - OPERATIONS							
219-261-909.000	ADVERTISING/PUBLISHING	30					
Totals for dept 261 - OPERATIONS		30					
Dept 265 - BUILDINGS AND GROUNDS							
219-265-920.000	UTILITIES	5,005	2,967	4,650	4,790	140	3.01
Totals for dept 265 - BUILDINGS AND GROUNDS		5,005	2,967	4,650	4,790	140	3.01
TOTAL APPROPRIATIONS		5,035	2,967	4,650	4,790	140	3.01
NET OF REVENUES/APPROPRIATIONS - FUND 219		(29)	2,030				
BEGINNING FUND BALANCE		5,395	5,366	5,366	5,366		
ENDING FUND BALANCE		5,366	7,396	5,366	5,366		

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ESTIMATED REVENUES							
Dept 000 - OTHER REVENUE ACCOUNT							
223-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	47,103	20,671	21,000	22,000	1,000	4.76
Totals for dept 000 - OTHER REVENUE ACCOUNT		47,103	20,671	21,000	22,000	1,000	4.76
TOTAL ESTIMATED REVENUES							
		47,103	20,671	21,000	22,000	1,000	4.76
NET OF REVENUES/APPROPRIATIONS - FUND 223							
		47,103	20,671	21,000	22,000	1,000	4.76
BEGINNING FUND BALANCE		963,719	1,010,822	1,010,822	1,031,822	21,000	2.08
ENDING FUND BALANCE		1,010,822	1,031,493	1,031,822	1,053,822	22,000	2.13

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ESTIMATED REVENUES							
Dept 000 - OTHER REVENUE ACCOUNT							
225-000-573.000	LOCAL COMMUNITY STABILIZATION	33,973	9,993	25,000	25,500	500	2.00
225-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	82,302	48,107	42,000	43,000	1,000	2.38
Totals for dept 000 - OTHER REVENUE ACCOUNT		116,275	58,100	67,000	68,500	1,500	2.24
Dept 253 - TREASURER							
225-253-402.000	CURRENT PROPERTY TAXES	434,328	466,162	466,000	479,000	13,000	2.79
225-253-404.000	PROPERTY TAX ADJUSTMENTS	24	77				
225-253-412.000	DELINQUENT TAXES	82	825				
Totals for dept 253 - TREASURER		434,434	467,064	466,000	479,000	13,000	2.79
TOTAL ESTIMATED REVENUES		550,709	525,164	533,000	547,500	14,500	2.72
APPROPRIATIONS							
Dept 261 - OPERATIONS							
225-261-818.000	SERVICE CONTRACTS		3,250				
Totals for dept 261 - OPERATIONS			3,250				
Dept 266 - LEGAL & PROFESSIONAL							
225-266-806.000	CONSULTANTS - OTHER	17,159	9,586	20,000	20,000		
225-266-811.000	LEGAL FEES	570	630	5,000	5,000		
225-266-998.000	EXPENSE ALLOCATION	3,000	1,500	3,000		(3,000)	(100.00)
Totals for dept 266 - LEGAL & PROFESSIONAL		20,729	11,716	28,000	25,000	(3,000)	(10.71)
TOTAL APPROPRIATIONS		20,729	14,966	28,000	25,000	(3,000)	(10.71)
NET OF REVENUES/APPROPRIATIONS - FUND 225		529,980	510,198	505,000	522,500	17,500	3.47
BEGINNING FUND BALANCE		1,532,906	2,062,885	2,062,885	2,567,885	505,000	24.48
ENDING FUND BALANCE		2,062,886	2,573,083	2,567,885	3,090,385	522,500	20.35

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<b>ESTIMATED REVENUES</b>							
Dept 000 - OTHER REVENUE ACCOUNT							
249-000-479.000	RENTAL REGISTRATION & INSPECTION I	5,370	12,730	3,000	3,060	60	2.00
249-000-485.000	PERMIT INSPECTION FEES	240,763	98,042	140,000	140,000		
249-000-486.000	PLAN REVIEW FEES	16,921	6,944	10,000	10,000		
249-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	84,846	35,684	38,000	40,000	2,000	5.26
249-000-684.000	MISCELLANEOUS INCOME		45				
249-000-692.000	ESCROWS COLLECTED FOR OTHERS	556,194					
249-000-698.000	INSURANCE RECOVERY PROCEEDS	90	45				
Totals for dept 000 - OTHER REVENUE ACCOUNT		904,184	153,490	191,000	193,060	2,060	1.08
<b>TOTAL ESTIMATED REVENUES</b>		904,184	153,490	191,000	193,060	2,060	1.08
<b>APPROPRIATIONS</b>							
Dept 228 - TECHNOLOGY							
249-228-818.000	SERVICE CONTRACTS	9,172	3,489	5,000	2,575	(2,425)	(48.50)
249-228-980.000	PURCHASES	955	267	1,000	2,000	1,000	100.00
249-228-998.000	EXPENSE ALLOCATION	5,000	2,500	5,000	8,360	3,360	67.20
Totals for dept 228 - TECHNOLOGY		15,127	6,256	11,000	12,935	1,935	17.59
Dept 261 - OPERATIONS							
249-261-725.000	MEMBERSHIPS - DUES			300		(300)	(100.00)
249-261-727.000	OFFICE SUPPLIES	132		400		(400)	(100.00)
249-261-728.000	PRINTING/BINDING	1,499	442	1,200	1,600	400	33.33
249-261-730.000	POSTAGE & MAILING		9				
249-261-798.000	SUBSCRIPTIONS/BOOKS	149	322	700	700		
249-261-812.000	INSPECTOR COSTS	56,515	42,426	48,000	60,000	12,000	25.00
249-261-818.000	SERVICE CONTRACTS	2,340			7,500	7,500	
249-261-831.000	INSURANCE & BONDS		12,310	4,100	4,223	123	3.00
249-261-851.000	TELECOMMUNICATIONS	2,172	1,021	1,500	1,500		
249-261-933.000	EQUIP REPAIR & MAINTENANCE	105					
249-261-955.300	ESCROWS DISBURSED TO OTHERS	556,194					
249-261-957.000	RESERVE FOR CONTINGENCIES				20,000	20,000	
249-261-980.000	OFFICE EQUIP. & FURNITURE		8				
249-261-998.000	EXPENSE ALLOCATION	3,000	1,575	3,150	6,510	3,360	106.67
Totals for dept 261 - OPERATIONS		622,106	58,113	59,350	102,033	42,683	71.92
Dept 265 - BUILDINGS AND GROUNDS							
249-265-998.000	EXPENSE ALLOCATION	2,450	2,250	4,500	1,040	(3,460)	(76.89)
Totals for dept 265 - BUILDINGS AND GROUNDS		2,450	2,250	4,500	1,040	(3,460)	(76.89)
Dept 266 - LEGAL & PROFESSIONAL							
249-266-806.000	CONSULTANTS - OTHER	9,230	3,223	10,000	15,000	5,000	50.00
249-266-811.000	LEGAL FEES			5,000	5,000		
249-266-998.000	EXPENSE ALLOCATION	10,000	5,000	10,000	10,440	440	4.40
Totals for dept 266 - LEGAL & PROFESSIONAL		19,230	8,223	25,000	30,440	5,440	21.76
Dept 270 - PERSONNEL							
249-270-703.000	DEPARTMENT HEAD	81,362	57,689	86,534	86,534		
249-270-704.000	WAGES- FULL TIME	18,210	32,370	48,555	48,555		
249-270-705.000	OVERTIME	1,862	1,005	1,500	1,500		
249-270-706.000	HOLIDAY,SICK & VACATION		3,414				
249-270-707.000	HOURLY PART TIME/FILL IN	46,300	15,478	27,000	26,000	(1,000)	(3.70)
249-270-715.000	MEDICAL	28,392	28,094	50,000	52,000	2,000	4.00
249-270-715.001	LIFE INSURANCE	2,482	2,405	3,600	3,900	300	8.33
249-270-715.002	DENTAL	1,666	1,837	3,000	3,200	200	6.67

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<b>APPROPRIATIONS</b>							
Dept 270 - PERSONNEL							
249-270-715.004	PENSION/RETIREMENT	10,004	9,458	13,588	13,500	(88)	(0.65)
249-270-715.005	FICA-EMPLOYER	10,850	7,801	12,374	12,745	371	3.00
249-270-715.008	RETIREMENT HEALTHCARE BENEFITS (ME	5,950	5,600	8,400	8,400		
249-270-715.009	WORKERS COMP INSURANCE	648	483	500	500		
249-270-715.011	EMPLOYEE MEDICAL PREMIUM	(1,870)	(2,080)				
249-270-715.050	HEALTH SAVINGS ACCT CONTRIBUTION	7,400	12,000	12,000	12,000		
249-270-724.000	PERSONNEL REALLOCATION	(17,745)	3,386	6,771	(50,300)	(57,071)	(842.87)
249-270-724.001	PERSONNEL ALLOCATION- FUND 871 EMI	33					
249-270-725.000	MEMBERSHIPS - DUES	320	450	500	500		
249-270-955.100	MILEAGE/TRAVEL	211	198	250	200	(50)	(20.00)
249-270-955.200	CONVENTION & CONFERENCES	541	653	800	800		
249-270-961.000	TRNG & IMPROVEMENT FULL-TIME	125		1,000	1,500	500	50.00
Totals for dept 270 - PERSONNEL		196,741	180,241	276,372	221,534	(54,838)	(19.84)
Dept 596 - TRANSPORTATION							
249-596-748.000	GASOLINE & DIESEL	962	371	1,500	2,000	500	33.33
249-596-933.000	REPAIR & MAINTENANCE	302	1,685	2,000	2,000		
Totals for dept 596 - TRANSPORTATION		1,264	2,056	3,500	4,000	500	14.29
<b>TOTAL APPROPRIATIONS</b>		856,918	257,139	379,722	371,982	(7,740)	(2.04)
<b>NET OF REVENUES/APPROPRIATIONS - FUND 249</b>		47,266	(103,649)	(188,722)	(178,922)	9,800	(5.19)
BEGINNING FUND BALANCE		1,675,848	1,723,113	1,723,113	1,534,391	(188,722)	(10.95)
ENDING FUND BALANCE		1,723,114	1,619,464	1,534,391	1,355,469	(178,922)	(11.66)

Calculations as of 08/31/2024

GL NUMBER	DESCRIPTION	2023 ACTIVITY	2024 ACTIVITY THRU 08/31/24	2024 PROJECTED ACTIVITY	2025 DEPT REQUESTED BUDGET	2025 DEPT REQUESTED AMT CHANGE	2025 DEPT REQUESTED % CHANGE
ESTIMATED REVENUES							
Dept 000 - OTHER REVENUE ACCOUNT							
402-000-628.000	FIRE SERVICES CONTRACT	85,051	66,214	87,000	90,000	3,000	3.45
402-000-664.002	LEASE INTEREST	10,741					
402-000-664.003	LEASE AMORTIZATION	57,035					
402-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	85,607	42,696	40,000	10,000	(30,000)	(75.00)
402-000-667.000	RENTAL INCOME	3,781	54,677	54,000	56,000	2,000	3.70
402-000-684.000	MISCELLANEOUS INCOME	5,200					
402-000-699.000	OPERATING TRANSFERS - IN		1,366,000	1,366,000	766,000	(600,000)	(43.92)
Totals for dept 000 - OTHER REVENUE ACCOUNT		247,415	1,529,587	1,547,000	922,000	(625,000)	(40.40)
TOTAL ESTIMATED REVENUES		247,415	1,529,587	1,547,000	922,000	(625,000)	(40.40)
APPROPRIATIONS							
Dept 446 - ROADS							
402-446-818.000	SERVICE CONTRACTS		98,867	266,000	266,000		
Totals for dept 446 - ROADS			98,867	266,000	266,000		
Dept 901 - CAPITAL PURCHASES							
402-901-976.001	EQUIP PURCH OVER \$5	10,400	21,640	22,000		(22,000)	(100.00)
402-901-981.000	VEHICLES	71,345		1,400,000	1,500,000	100,000	7.14
Totals for dept 901 - CAPITAL PURCHASES		81,745	21,640	1,422,000	1,500,000	78,000	5.49
TOTAL APPROPRIATIONS		81,745	120,507	1,688,000	1,766,000	78,000	4.62
NET OF REVENUES/APPROPRIATIONS - FUND 402		165,670	1,409,080	(141,000)	(844,000)	(703,000)	498.58
BEGINNING FUND BALANCE		1,712,303	1,877,973	1,877,973	1,736,973	(141,000)	(7.51)
ENDING FUND BALANCE		1,877,973	3,287,053	1,736,973	892,973	(844,000)	(48.59)

Calculations as of 08/31/2024

GL NUMBER	DESCRIPTION	2023 ACTIVITY	2024 ACTIVITY THRU 08/31/24	2024 PROJECTED ACTIVITY	2025 DEPT REQUESTED BUDGET	2025 DEPT REQUESTED AMT CHANGE	2025 DEPT REQUESTED % CHANGE
<b>ESTIMATED REVENUES</b>							
Dept 000 - OTHER REVENUE ACCOUNT							
592-000-474.000	INT ON ASSESSMENTS			500	510	10	2.00
592-000-606.000	ADMIN FEES/PLAN REVIEW FEES	880	100	1,000	1,020	20	2.00
592-000-657.000	FINES/TICKETS	2,500					
592-000-666.000	DIVIDENDS INTEREST ON INVESTMENTS	494,089	219,940	260,000	240,000	(20,000)	(7.69)
592-000-675.100	DONATIONS	539,300					
592-000-684.000	MISCELLANEOUS INCOME	50	25				
Totals for dept 000 - OTHER REVENUE ACCOUNT		1,036,819	220,065	261,500	241,530	(19,970)	(7.64)
Dept 537 - SALES/PURCHASES OF W&S							
592-537-630.000	CUSTOMER METER SALES-WATER	1,552,343	730,134	1,430,000	1,458,600	28,600	2.00
592-537-630.883	CUSTOMER METER SALES-SEWER	1,511,831	734,427	1,390,000	1,417,800	27,800	2.00
592-537-630.884	WATER & SEWER LATE PENALTY	16,277	16,291				
Totals for dept 537 - SALES/PURCHASES OF W&S		3,080,451	1,480,852	2,820,000	2,876,400	56,400	2.00
Dept 568 - SOIL EROSION							
592-568-485.000	PERMIT INSPECTION FEES (SOI)	4,215	920	750	1,000	250	33.33
Totals for dept 568 - SOIL EROSION		4,215	920	750	1,000	250	33.33
<b>TOTAL ESTIMATED REVENUES</b>		<b>4,121,485</b>	<b>1,701,837</b>	<b>3,082,250</b>	<b>3,118,930</b>	<b>36,680</b>	<b>1.19</b>
<b>APPROPRIATIONS</b>							
Dept 228 - TECHNOLOGY							
592-228-818.000	SERVICE CONTRACTS	1,745	2,921	4,000	3,000	(1,000)	(25.00)
592-228-980.000	PURCHASES	1,673	4,008	6,000	4,000	(2,000)	(33.33)
592-228-998.000	EXPENSE ALLOCATION	3,000	1,500	3,000	8,360	5,360	178.67
Totals for dept 228 - TECHNOLOGY		6,418	8,429	13,000	15,360	2,360	18.15
Dept 261 - OPERATIONS							
592-261-727.000	OFFICE SUPPLIES	111	369	400	412	12	3.00
592-261-728.000	PRINTING/BINDING	2,994	2,814	4,000	5,000	1,000	25.00
592-261-730.000	POSTAGE & MAILING	425	880	600	600		
592-261-779.000	SMALL TOOLS	2,451	862	3,000	3,000		
592-261-818.000	SERVICE CONTRACTS	16,417	9,618	20,000	25,000	5,000	25.00
592-261-831.000	INSURANCE & BONDS	10,860	11,718	12,000	12,360	360	3.00
592-261-851.000	TELECOMMUNICATIONS	3,666	1,202	3,000	3,000		
592-261-933.000	REPAIR & MAINTENANCE	44,922	54,206	100,000	130,000	30,000	30.00
592-261-955.000	MISCELLANEOUS	265	56	1,000	1,000		
592-261-957.000	RESERVE FOR CONTINGENCIES		75	31,009	35,000	3,991	12.87
592-261-968.000	DEPRECIATION EXPENSE	508,377					
592-261-973.000	FURNITURE & FIXTURES	69					
592-261-976.000	EQUIPMENT PURCH UNDER \$5K		8,919	10,000	10,000		
592-261-980.000	PURCHASES	59		1,000	1,000		
592-261-998.000	EXPENSE ALLOCATION	16,600	8,715	17,430	23,340	5,910	33.91
Totals for dept 261 - OPERATIONS		607,216	99,434	203,439	249,712	46,273	22.75
Dept 265 - BUILDINGS AND GROUNDS							
592-265-920.000	UTILITIES	29,517	20,986	30,000	33,000	3,000	10.00
592-265-921.000	HEATING	832					
592-265-933.000	REPAIR & MAINTENANCE	2,392					
592-265-998.000	EXPENSE ALLOCATION	4,900	3,500	7,000	1,560	(5,440)	(77.71)
Totals for dept 265 - BUILDINGS AND GROUNDS		37,641	24,486	37,000	34,560	(2,440)	(6.59)
Dept 266 - LEGAL & PROFESSIONAL							
592-266-802.000	ENGINEERING FEES	26,523	25,457	50,000	75,000	25,000	50.00

Calculations as of 08/31/2024

GL NUMBER	DESCRIPTION	2023 ACTIVITY	2024 ACTIVITY THRU 08/31/24	2024 PROJECTED ACTIVITY	2025 DEPT REQUESTED BUDGET	2025 DEPT REQUESTED AMT CHANGE	2025 DEPT REQUESTED % CHANGE
<b>APPROPRIATIONS</b>							
<b>Dept 266 - LEGAL &amp; PROFESSIONAL</b>							
592-266-804.000	ACCOUNTING SERVICES	1,400	2,300				
592-266-811.000	LEGAL FEES	5,320	12,390	50,000	50,000		
592-266-998.000	EXPENSE ALLOCATION	23,000	12,000	24,000	37,430	13,430	55.96
Totals for dept 266 - LEGAL & PROFESSIONAL		56,243	52,147	124,000	162,430	38,430	30.99
<b>Dept 270 - PERSONNEL</b>							
592-270-703.000	DEPARTMENT HEAD	94,500	65,520	98,280	102,250	3,970	4.04
592-270-705.000	OVERTIME	9,288	5,550	7,500	7,725	225	3.00
592-270-706.000	HOLIDAY,SICK & VACATION	(6,736)	2,847	4,000	4,000		
592-270-707.000	HOURLY FILL IN	21,112	13,036	20,000	22,000	2,000	10.00
592-270-708.000	HOURLY FULL TIME	51,500	36,908	55,000	57,000	2,000	3.64
592-270-715.000	MEDICAL	19,017	22,498	35,000	41,200	6,200	17.71
592-270-715.001	LIFE INSURANCE	3,200	2,442	4,000	4,300	300	7.50
592-270-715.002	DENTAL	2,017	1,529	2,500	2,600	100	4.00
592-270-715.004	PENSION/RETIREMENT	16,148	11,195	16,464	16,471	7	0.04
592-270-715.005	FICA-EMPLOYER	13,494	9,369	14,185	14,100	(85)	(0.60)
592-270-715.008	RETIREMENT HEALTHCARE BENEFITS	8,400	5,600	8,400	8,400		
592-270-715.009	WORKERS COMP INSURANCE	5,732	4,546	5,800	5,900	100	1.72
592-270-715.050	HEALTH SAVINGS ACCT CONTRIBUTION	8,845	8,751	9,000	9,000		
592-270-724.000	PERSONNEL REALLOCATION	19,426	(19,896)	(39,792)	2,800	42,592	(107.04)
592-270-724.001	PERSONNEL ALLOCATION- FUND 871 EMH	(654)		(15,000)	(15,000)		
592-270-725.000	MEMBERSHIPS - DUES	3,550	3,930	4,000	5,500	1,500	37.50
592-270-746.000	UNIFORM EXPENSE	713	115	3,000	3,000		
592-270-955.100	MILEAGE/TRAVEL	304	178	250	250		
592-270-955.200	CONVENTION & CONFERENCES	4,921	6,763	5,000	6,000	1,000	20.00
Totals for dept 270 - PERSONNEL		274,777	180,881	237,587	297,496	59,909	25.22
<b>Dept 537 - SALES/PURCHASES OF W&amp;S</b>							
592-537-777.000	METER EQUIPMENT PURCHASES	23,597	3,082	23,540	30,000	6,460	27.44
592-537-803.000	CONNECTION SERVICES & CHARGES	(754)					
592-537-813.000	WATER PURCHASE-CITY OF AA	1,023,017	509,954	1,059,300	1,091,079	31,779	3.00
592-537-813.883	SEWER PURCHASES-CITY OF AA	1,031,564	480,507	914,850	942,296	27,446	3.00
Totals for dept 537 - SALES/PURCHASES OF W&S		2,077,424	993,543	1,997,690	2,063,375	65,685	3.29
<b>Dept 596 - TRANSPORTATION</b>							
592-596-715.000	MEDICAL	99					
592-596-748.000	GASOLINE & DIESEL	6,888	3,061	10,000	10,000		
592-596-933.000	REPAIR & MAINTENANCE	5,869	12,162	3,500	5,000	1,500	42.86
592-596-955.100	MILEAGE/TRAVEL	289		400	400		
Totals for dept 596 - TRANSPORTATION		13,145	15,223	13,900	15,400	1,500	10.79
<b>Dept 901 - CAPITAL PURCHASES</b>							
592-901-976.001	EQUIP PURCH OVER \$5		13,207	215,950	80,000	(135,950)	(62.95)
592-901-976.002	WTR & SWR LINES CAP EXPENDITURES			500,000	100,000	(400,000)	(80.00)
Totals for dept 901 - CAPITAL PURCHASES			13,207	715,950	180,000	(535,950)	(74.86)
<b>TOTAL APPROPRIATIONS</b>		<b>3,072,864</b>	<b>1,387,350</b>	<b>3,342,566</b>	<b>3,018,333</b>	<b>(324,233)</b>	<b>(9.70)</b>
<b>NET OF REVENUES/APPROPRIATIONS - FUND 592</b>		<b>1,048,621</b>	<b>314,487</b>	<b>(260,316)</b>	<b>100,597</b>	<b>360,913</b>	<b>(138.64)</b>
BEGINNING FUND BALANCE		21,281,472	22,225,381	22,225,381	21,965,065	(260,316)	(1.17)
FUND BALANCE ADJUSTMENTS		(104,710)				360,913	(138.64)
ENDING FUND BALANCE		22,225,383	22,539,868	21,965,065	22,065,662	100,597	0.46

ESTIMATED REVENUES - ALL FUNDS	12,772,843	9,948,557	11,883,950	11,387,892	(373,717.00)	96.30
APPROPRIATIONS - ALL FUNDS	10,326,419	8,076,416	13,641,559	12,747,172	373,717.00	(96.30)
NET OF REVENUES/APPROPRIATIONS - ALL FUNDS	2,446,424	1,872,141	(1,757,609)	(1,359,280)		
BEGINNING FUND BALANCE - ALL FUNDS	41,844,317	44,186,033	44,186,033	42,428,424	(1,757,609)	(3.98)
FUND BALANCE ADJUSTMENTS - ALL FUNDS	(104,710)				360,913	(138.64)
ENDING FUND BALANCE - ALL FUNDS	44,186,031	46,058,174	42,428,424	41,069,144	(1,359,280)	(3.20)

**ANN ARBOR CHARTER TOWNSHIP  
WASHTENAW COUNTY, MICHIGAN  
2025 GENERAL APPROPRIATIONS ACT**

**October 21, 2024**

Resolution adopted at a meeting of the Ann Arbor Charter Township Board of Trustees held at the Township Hall, 3792 Pontiac Trail, Ann Arbor, Michigan, on October 21, 2024.

PRESENT:

ABSENT:

Motion by \_\_\_\_\_; seconded by \_\_\_\_\_.

For purposes of compliance with Section 16 of the Uniform Budgeting and Accounting Act, being Act 2 of 1968, MCL § 141.421 *et seq.*, the Board of Trustees of the Township desires to pass a general appropriations act reflecting formal budget approval for the 2025 fiscal year to establish a general appropriations act for the Township, to define the powers and duties of the Township officers in relation to the administration of the budget, and to provide remedies for refusal or neglect to comply with the requirements of this Resolution.

**NOW, THEREFORE, BE IT HEREBY RESOLVED:**

The Township Board finds, approves and determines all of the following:

1. Title. This resolution shall be known as the Ann Arbor Charter Township 2025 General Appropriations Act.
2. Chief Administrative Officer. The Supervisor shall be the Chief Administrative Officer and shall perform the duties of the Chief Administrative Officer under this Act.
3. Fiscal Officer. The Township Clerk shall be the Fiscal Officer and shall perform the duties of the Fiscal Officer enumerated in this Act.
4. Public Hearing on the Budget. Pursuant to MCL § 42.26, notice of a public hearing on the proposed budget was published in the Washtenaw County Legal News on **November 2, 2023**, and held on October 21, 2024.
5. Estimated Revenues. Estimated township general fund and other fund revenues for the fiscal year are as follows:

Fund #		Estimated Revenue
101	General Fund	1,424,762
104	Insurance Reserve Fund	29,000
105	Development Rights Monitoring	3,000
205	Public Safety Fund	2,666,850

206	Fire Fund	106,000
211	Grants	50,000
219	Street Lighting	4,790
223	Woodland/Natural Features Fund	22,000
225	Farmland Preservation	547,500
249	Building Dept	193,060
402	Capital Improvement Plan	156,000
592	Utility Fund	3,118,930
	<b>TOTAL REVENUES</b>	<b>\$8,321,892</b>

6. Millage Levy. The Township Board shall cause to be levied and collected the property tax on all real and personal property within the Township upon the current tax roll an allocated general operating millage of **0.7591** mills, plus voter authorized millage of **3.3405** for public safety (fire and police services), and projected voter authorized millage of **0.6644** for farmland preservation for a total levy equal to **4.764** as set forth by the Tax Allocation Board (or as authorized under state law and approved by the electorate and subject to any state required rollbacks or adjustments). Estimated tax revenue for the authorized **4.764** mills is **\$3,434,000**.

7. Estimated Operating Expenditures. Estimated Township expenditures and utility depreciation for the various township activities (cost centers) are as follows:

Fund #	Fund Name	Estimated Expenditures
101	General Fund	1,163,104
104	Insurance Reserve Fund	100,000
105	Development Rights Monitoring	5,000
205	Public Safety Fund	760,750
206	Fire Fund	2,406,213
211	Grants	50,000
219	Street Lighting	4,790
223	Woodland/Natural Features Fund	0
225	Farmland Preservation	25,000
249	Building Dept	371,982
402	Capital Improvement Program	0
592	Utility Fund	2,838,333
	<b>TOTAL OPERATING EXPENDITURES</b>	<b>7,725,172</b>

8. Estimated Operating Transfers. Estimated operating transfers between funds are as follows:

Fund #	Fund Name	Transfer In	Transfer Out
101	General Fund		266,000
205	Public Safety Fund		2,800,000
206	Fire Fund	2,300,000	
402	Capital Fund	766,000	
	<b>TOTAL TRANSFERS</b>	<b>3,066,000</b>	<b>3,066,000</b>

9. Estimated Capital Expenditures. Estimated Township capital expenditures are funded by a combination of current estimated revenues and a planned use of fund balance thereby reducing or eliminating external financing costs.

Fund #	Fund Name	Estimated Expenditures
101	General Fund : Trail Development	10,000
402	Capital Improvement Program: Fire Engine/Roads	1,766,000
592	Utility Fund: Sewer Lining/Truck	180,000
	<b>TOTAL CAPITAL EXPENDITURES</b>	<b>1,956,000</b>

10. Total Estimated Operating and Capital Expenditures and Transfers. For the fiscal year end \$12,747,172 in total appropriations is approved.

11. Adoption of Budget by Reference. The general fund budget of the Township as presented at the public hearing is hereby adopted by reference, with revenues and activity expenditures as indicated in Sections 5 and 7 of this Act. The budget for all other Township funds as presented at the public hearing is also adopted by reference.

12. Appropriation not a Mandate to Spend. Appropriations will be deemed maximum authorizations to incur expenditures. The Fiscal Officer shall exercise supervision and control to ensure that expenditures are within appropriations and shall not issue any order for expenditures that exceed appropriations.

13. Periodic Financial Reports. The Fiscal Officer shall transmit to the Township Board a report of financial operations, including, but not limited to:

- (a) A summary statement of the actual financial condition of the general fund at the end of the previous quarter (or month).
- (b) A summary statement showing the receipts and expenditures and encumbrances for the previous quarter (or month) and for the current fiscal year to the end of the previous quarter (or month).
- (c) A detailed list of expected revenues by major source as estimated in the budget; actual receipts to date for the current fiscal year compared with actual receipts for the same period in the prior fiscal year; the balance of estimated revenues to be collected in the then current fiscal year; and any revisions in revenue estimates resulting from collection experience to date.

- (d) A detailed list of, for each cost center, the amount appropriated; the amount charged to each appropriation in the previous quarter (or month) for the current fiscal year and as compared with the same period in the prior fiscal year; the unencumbered balance of appropriations; and any revisions in the estimate of expenditures.

14. Budget Monitoring. Whenever it appears to the Chief Administrative Officer or the Township Board that the actual and probable revenues in any fund will be less than the estimated revenues upon which appropriations from such fund were based, and when it appears that expenditures shall exceed an appropriation, the Chief Administrative Officer shall present to the Township Board recommendations to prevent expenditures from exceeding available revenues or budgeted appropriations for the current fiscal year. Such recommendations shall include proposals for reducing appropriations, increasing revenues, utilizing reserves or a combination of the same.

15. Violations of this Act. Any obligation incurred or payment authorized in violation of this Resolution shall be void and shall subject any responsible official(s) or employee(s) to disciplinary action as outlined in Public Act 621 of 1978 and the Township personnel manual.

AYES:

NAYES:

ABSTAIN:

**Resolution declared xxx**

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Diane O'Connell  
Township Supervisor

I hereby certify that the foregoing constitutes a true and complete copy of a Resolution adopted by the Ann Arbor Charter Township Board of Trustees, Ann Arbor Charter Township, Washtenaw County, Michigan, at a regular meeting held on November 20, 2023 at which a quorum was present, held in accordance with the requirements of the State of Michigan Open Meetings Act.

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Rena Basch, Township Clerk  
Dated: \_\_\_\_\_

To: Ann Arbor Township Board of Trustees  
 From: Iomar Whitt, Accounting Manager  
 Date: October 17, 2024

**Third Quarter 2024 Budget Amendment Requests**

Fund	Account #	Description
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**GENERAL FUND #101**

**Budget Amendment Effect on Fund Balance**

	Q1 Amended <u>2024 Budget</u>	Amended <u>2024 Budget</u>	<u>Change</u>
Beginning Fund Balance	\$ 6,138,264	\$ 6,138,264	\$ -
Revenues	\$ 1,434,750	\$ 1,666,050	\$ 231,300
Expenditures	\$ 1,952,826	\$ 2,214,726	\$ 261,900
Ending Fund Balance	\$ 5,620,188	\$ 5,589,588	\$ (30,600)

**Detail Budget Amendments**

		<u>Increase</u>	<u>Decrease</u>
1)	<u>Blue Berry Lane Road Improvement Project ( 10% of the 257K to be Paid from General Fund)</u>		
	101-000-451.000 Assessed to Residents	231,300	
	101-446-818.000 Service Contract		257,000
2)	<u>Increase Budget for the Design of the Dixboro Trail Gap Project by \$4,900</u>		
	101-931-995.000 Transfer out to Grant Fund		4,900

**GRANT FUND #211**

**Budget Amendment Effect on Fund Balance**

	Q1 Amended <u>2024 Budget</u>	Amended <u>2024 Budget</u>	<u>Change</u>
Beginning Fund Balance	\$ -	\$ -	\$ -
Revenues	\$ -	\$ 145,086	\$ 145,086
Expenditures	\$ -	\$ 145,086	\$ 145,086
Ending Fund Balance	\$ -	\$ -	\$ -

**Detail Budget Amendments**

		<u>Increase</u>	<u>Decrease</u>
3)	<u>2024 Turnout Gear Grant (21k Awarded)</u>		
	211-000-540.000 State and Local Grants	21,000.00	
	211-336-699.000 Transfers In From Fire Fund	9,201.15	
	211-270-746.001 PERSONAL PROTECTIVE EQUIP		\$30,201.15
4)	<u>Community Energy Management Grant ( 100k Awarded )</u>		
	211-000-540.000 State and Local Grants	100,000.00	
	211-261-955.002 Community Energy Management Expense		100,000.00
5)	<u>Remaining WCPARC Grant Revenue and Expenditure for the original 75K budget for the Dixboro Trail Gap Design</u>		
	211-000-540.000 State and Local Grants	9,984.64	
	211-751-802.000 Engineering Fees		9,984.64
6)	<u>Increase Budget for the Design of the Dixboro Trail Gap Project from 75,000 to 79,900</u>		
	211-751-699.000 Transfers In From General Fund	4,900.00	
	211-751-802.000 Engineering Fees		4,900.00

**FIRE FUND #206**

**Budget Amendment Effect on Fund Balance**

	Q1 Amended <u>2024 Budget</u>	Amended <u>2024 Budget</u>	<u>Change</u>
Beginning Fund Balance	\$ 1,015,021	\$ 1,015,021	\$ -
Revenues	\$ 2,304,000	\$ 2,304,000	\$ -
Expenditures	\$ 2,163,277	\$ 2,172,478	\$ 9,201
Ending Fund Balance	\$ 1,155,744	\$ 1,146,543	\$ (9,201)

**Detail Budget Amendments**

		<u>Increase</u>	<u>Decrease</u>
7)	<u>Grant Match for Turn-Out Gear (Transfer Out to Grant Fund )</u>		
	206-931-995.000      TRANSFER OUT		9,201.15

**BOARD OF TRUSTEES  
CHARTER TOWNSHIP OF ANN ARBOR  
WASHTENAW COUNTY, MICHIGAN  
RESOLUTION APPROVING THE REZONING OF PROPERTY FROM A-1 TO R-3  
DATE: OCTOBER 21, 2024  
ZC-02-24**

Resolution adopted at a regular meeting of the Board of Trustees (the “Township Board”) of the Charter Township of Ann Arbor (the “Township”), Washtenaw County, Michigan, held at the Township Hall, 3792 Pontiac Trail, Ann Arbor, Michigan on October 21, 2024 at 7:30 p.m.

PRESENT:

ABSENT:

Motion by Trustee: \_\_\_\_\_; supported by Trustee: \_\_\_\_\_.

**RECITALS**

**R E C I T A L S**

A. On April 26, 2024, David R. Glass (“Applicant”) submitted a petition known as ZC-02-24 (“Petition”) for amendment to the zoning of a parcel of land located in Ann Arbor Charter Township consisting of 4.6 acres commonly known as 1575 Earhart Road, Tax Parcel ID I-09-23-180-005, and described on the December 20, 2021 survey submitted by the Applicant (“Property”).

B. David Glass has represented that he is the owner of the Property (“Owner”).

C. The Petition requests rezoning of the Property from A-1 (minimum 10 acre lots) to R-3 (minimum lot size, 10,000 sq ft.) (“Proposed Rezoning”).

D. The Applicant submitted materials in addition to the Petition, including a survey of the property dated December 20, 2021, a vicinity map showing surrounding zoning and uses, and a memorandum from Midwestern Consulting describing the Proposed Rezoning.

E. The Township Planning Consultant submitted a report on May 24, 2024 (“Planner’s Report”) noting that the Property is currently Master Planned for residential uses at two to four dwelling units per acre, and that the R-3 Single-Family Urban Residential zoning district is the most closely associated zoning designation to the Master Planned designation for the Property.

F. On August 8, 2024 the Planning Commission held a public hearing on the Petition for Rezoning of the Property at which time members of the public had an opportunity to express their opinions related to the Rezoning, and during which the Planning Commission received other written comments related to the Proposed Rezoning.

G. After the public hearing, the Planning Commission considered the Proposed Rezoning, the Applicant’s Petition and submitted materials, the Township’s Planning Consultant’s report, the standards of Section 74-310 of Chapter 74 of the Township’s Code of Ordinances (the “Township Zoning Code”), and the comments of the public at the public hearing, including those comments in written form, and directed the Township Attorney to prepare a resolution for consideration at the Planning Commission’s next meeting.

H. On September 5, 2024, the Planning Commission adopted the Resolution attached as Exhibit A (the “PC Resolution”) recommending that the Township Board rezone the Property from A-1 to R-3 based upon the findings therein.

**RESOLUTION**

Now, therefore, it is resolved:

Based on the foregoing Recitals, which are incorporated herein by reference, the Petition and materials submitted by the Applicant, the Planner’s Report, the Township Board’s review of the Township’s Master Plan goals and policies, the Future Land Use Designations in the vicinity of the Property, the existing land use patterns in the vicinity, and the comments of the public which are summarized in the minutes of the Public Hearing, the Township Board makes the following findings for approval of the Proposed Rezoning.

A. **FINDINGS AND STANDARDS**. The Township Board accepts and adopts the findings of the Planning Commission (the “Findings”), based on the standards set forth in Section 74-310 of the Township Zoning Code, as set forth in the PC Resolution attached hereto as Exhibit A.

B. **APPROVAL OF REZONING**. Based on the Findings, the applicable standards under the Township Zoning Code, and the Planning Commission recommendation for approval, all as set forth in the PC Resolution, the Township Board hereby approves the Proposed Rezoning.

**RESOLUTION DECLARED ADOPTED.**

AYES:  
NAYS:  
ABSTAIN:

---

Diane O’Connell  
Ann Arbor Charter Township Supervisor

I certify that the foregoing is a true and complete copy of a resolution adopted by the Ann Arbor Charter Township Board of Trustees, County of Washtenaw, State of Michigan, at a regular meeting held on October 21, 2024, that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

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Rena Basch  
Ann Arbor Charter Township Clerk

Dated: \_\_\_\_\_, 2024

Public Hearing: August 8, 2024

Planning Commission Recommendation: September 5, 2024

Board Action: \_\_\_\_\_, 2024

Publication: \_\_\_\_\_, 2024

**ANN ARBOR CHARTER TOWNSHIP PLANNING COMMISSION  
RESOLUTION RECOMMENDING APPROVAL  
REZONING OF PROPERTY FROM A-1 TO R-3  
1575 EARHART ROAD I-09-23-180-005**

**SEPTEMBER 5, 2024  
ZC-02-24**

Resolution adopted at a regular meeting of the Planning Commission of the Charter Township of Ann Arbor, ("Board of Trustees") Washtenaw County, Michigan, held at the Township Hall, 3792 Pontiac Trail, Ann Arbor, Michigan on September 5, 2024.

PRESENT: Chair P. Kotila, L. Gorman, R. Bunch, R. Perry, J. Allison, J. Sweetman Lada

ABSENT: Karen Mendelson

Motion by Commissioner: John Allison; supported by Commissioner: Lee Gorman.

**RECITALS**

A. On April 26, 2024, David R. Glass ("Applicant") submitted a petition known as ZC-02-24 ("Petition") for amendment to the zoning of a parcel of land located in Ann Arbor Charter Township consisting of 4.6 acres commonly known as 1575 Earhart Road, Tax Parcel ID I-09-23-180-005, and described on the December 20, 2021, survey submitted by the Applicant ("Property").

B. David Glass has represented that he is the owner of the Property ("Owner").

C. The Petition requests rezoning of the Property from A-1 (minimum 10 acre lots) to R-3 (minimum lot size, 10,000 sq ft.) ("Rezoning").

D. On August 8, 2024, the Planning Commission held a public hearing on the Petition for Rezoning of the Property at which time members of the public had an opportunity to express their opinions related to the Rezoning.

E. After the public hearing, the Planning Commission heard comments and reviewed the reports from the Township consultants, including the written report from the Township Planner dated May 24, 2024, and deliberated the merits of the Rezoning, as indicated in the minutes of the August 8, 2024, Planning Commission Meeting.

F. Pursuant to the Petition for Rezoning ZC-02-24, and after reviewing the materials submitted, the reports of Township consultants and after hearing comments of the public at the public hearings held on August 8, 2024, the Planning Commission believes it to be in the best interests of the Township to recommend that the Rezoning be approved based on the findings below.

**RESOLUTION**

NOW THEREFORE, the Planning Commission hereby resolves:

Based on the foregoing Recitals, which are incorporated by reference, the Petition and other submissions by the Applicant, the comments of the public, reports and recommendation of the Township Planning Consultant and others, and information and recommendations pertaining to the Rezoning, the Planning Commission adopts the following findings and resolves as follows:

1. **FINDINGS.** Based on the Petition submitted to rezone the Property from A-1 to R-3 and pursuant to Section 74-310 of the Township Zoning Code, the Planning Commission finds as follows:

- 1.1. The requested zoning change is justified by changing conditions since the original ordinance was adopted, in that some of the agriculturally based uses in the current zoning of A-1 would be inappropriate for this area, or would require more space or a more natural environment. Uses in the R-3 zoning district are more consistent with the size and location of the parcel.
- 1.2. There are no precedential effects that would result from approval of the petition as the parcel currently does not meet the minimum lot area of the current zoning district. Rezoning to R-3 would bring the parcel into conforming status.
- 1.3. The Rezoning to R-3 is consistent with the future land use designation as the parcel is currently Master Planned for 2-4 dwelling units per acre. This land use designation is most closely associated with the existing R-3, Single Family Urban Residential zoning district.
- 1.4. The Township is capable of providing applicable services as the Property is located within the Township's sewer and water service areas.
- 1.5. The Rezoning is not expected to be detrimental to the condition or value of adjacent properties as the permitted uses after rezoning to R-3 will be more restrictive than what is currently permitted under A-1 zoning, and are more consistent with the existing surrounding land uses.

2. **RESOLUTION RECOMMENDING REZONING.** Based on the foregoing findings, the Planning Commission recommends that the Board of Trustees approve the Property be rezoned from A-1 to R-3.

AYES: Peter Kotila, Lee Gorman, Richard Bunch, Randolph Perry, John Allison, Jill Sweetman Lada

NAYES: None

ABSTAIN: None

Resolution Declared Adopted.



Peter Kotila, Chair  
Ann Arbor Charter Township Planning Commission

I certify that the foregoing is a true and complete copy of a resolution adopted by the Ann Arbor Charter Township Board of Trustees, County of Washtenaw, State of Michigan, at a regular meeting held on September 5, 2024, that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.



~~Rena Basch, Township Clerk~~

Diane O'Connell  
Township Supervisor

Dated: September 5, 2024

Public Hearing: August 8, 2024

Planning Commission Recommendation: September 5, 2024

**PETITION FOR ZONING AMENDMENT**  
{Chapter 74, Article II, Division 7 of the Ann Arbor  
Township Code of Ordinances}  
**Ann Arbor Charter Township**  
3792 Pontiac Trail Ann Arbor, MI 48105  
Phone: 734-663-3418 Fax: 734-663-6678  
www.aatwp.org

ZC # \_\_\_\_\_

Fee \_\_\_\_\_

Date Received \_\_\_\_\_

Property Address 1575 Earhart Road, Ann Arbor, MI 48105

Property I.D. I-09-23-180-005

Zoning District Requested R-3: Single Family Urban Residential Current Zoning District A-1: General Agriculture

**Petitioner:**

David R. Glass, Jr. 4427 25th Street N  
Name Address  
703-527-9482 Arlington VA 22207  
Phone City State Zip  
dglassphd@gmail.com  
Email

**Owner:**

David R. Glass, Jr. 4427 25th Street N  
Name Address  
703-527-9482 Arlington VA 22207  
Phone City State Zip  
dglassphd@gmail.com  
Email

**REQUIRED INFORMATION**

**PROVIDE ORIGINAL AND 14 COPIES**

- A legal description of the property, including a street address and tax code number.
- A scaled map of the property, correlated with the legal description, and clearly showing the property's location
- The name and address of the petitioner.
- The petitioner's interest in the property; If the petitioner is not the owner, the name and address of the owner, and the owner-signed consent to the petition.
- Signatures of the petitioner and owner, certifying the accuracy of the information.
- Identification of the zoning district requested; existing zoning district of subject property.
- Vicinity map showing location of property and adjacent land uses and zoning districts.





## MEMORANDUM

RE: 1575 Earhart Road – Rezoning Narrative  
DATE: April 26, 2024

---

David R. Glass, Jr. is requesting rezoning approval for the parcel located at 1575 Earhart Road. The existing site is 4.60 acres in size and includes a single-family residence. The parcel is currently zoned A-1: General Agriculture, and a rezoning to R-3: Single Family Urban Residential is being requested. The existing parcel is nonconforming for the minimum lot size of 10 acres in the A-1 zoning district.

The current Future Land Use Map designates this property as Residential 2-4 dwelling units per acre. This designation places the subject parcel in the Urban Residential Low Density II sub-class which requires central water and sanitary sewer services and is located in areas in which these are or will be provided. The site is currently served by an existing well and wastewater/septic system, but public water and sanitary sewer services are currently available in both the Earhart Road and Old Earhart Road rights-of-way.

Per the current Ann Arbor Township Zoning Ordinance, The R-3 zoning district is *"intended to provide single-family residential areas of an urban character on lots 10,000 square feet and larger, in areas designated in the master plan for urban residential use at a density of two to four dwelling units per acre. The district is intended to be used only in those areas in which public water and sanitary sewer services are available."* The requested rezoning to R-3 is consistent with the Future Land Use designation. The R-3 zoning district is also compatible with the existing single-family residential development immediately north of the site. The adjacent site was developed as a Planned Unit Development (PUD), but the existing lots are generally about 12,000 to 17,000 square feet in size.

We thank you for your consideration of this request, and look forward to discussing this rezoning with you.



**ANN ARBOR CHARTER TOWNSHIP  
BOARD OF TRUSTEES**

**ORDINANCE TO AMEND CHAPTER 74, ZONING, ARTICLE V SUPPLEMENTARY  
DISTRICT REGULATIONS TO ADOPT MINERAL MINING CODE SECTION 74-592a  
and REPEAL SECTION 74-592.**

**October 21, 2024**

The Ann Arbor Charter Township Board of Trustees ordains and adopts the following amendments to Chapter 74, Zoning, Article V Supplementary District Regulations. It is hereby ordained as follows:

**SECTION 1. Repeal of Code Section 74-592.** Section 74-592 of the Ann Arbor Charter Township Code is repealed upon the effective date of this Ordinance.

**SECTION 2. Adoption of New Code Section 74.592a.** A new section 74-592a to the Ann Arbor Charter Township Code, herein referenced in its entirety as the “Ann Arbor Charter Township Mineral Mining Ordinance”, is hereby created to read in its entirety as follows:

**(a) PURPOSE AND AUTHORITY**

- (1) Exportation of Non-Metallic Minerals and Importation of Fill Materials.** The Township recognizes that sand, gravel and other non-metallic minerals within the Township’s boundaries are nonrenewable natural resources necessary and beneficial to the welfare of its inhabitants and the surrounding region. To provide for utilization of these resources in a manner compatible with nearby residential uses, to protect human health and the environment, and to ensure complete reclamation for another land use at the conclusion of the extraction operation, it is necessary to regulate and provide procedures and standards for extraction of non-metallic minerals and for the reclamation of the land at the conclusion of the operation. These regulations are required because extraction operations and related activities, such as the importation of fill material, can cause unique and substantial impacts upon the environment and the welfare of adjacent properties and the community as a whole. They can disrupt the environment, impair water quality and quantity, cause noise and dust nuisances, damage roads and create conditions dangerous to Township residents.
- (2) Preservation of Wetlands, Water Bodies and Groundwater.** Wetlands are indispensable and fragile natural resources that provide many public benefits, including maintenance of water quality through nutrient cycling and sediment trapping, and by serving as biological and chemical oxidation basins; flood and storm water runoff control through temporary water storage; groundwater recharge; and by providing open space, passive outdoor recreation opportunities, and fish and wildlife habitat. Preservation of Township wetlands, water bodies, aquifers and ground water in a natural condition is necessary to maintain hydrological, economic, recreational, and aesthetic natural resource values for existing and future Township residents.

- (3) **Applicability.** Subject to compliance with all other applicable statutes, ordinances, rules and regulations, this Ordinance does not apply to the following activities:
- a. Ordinary and necessary grading of land for the tilling and cultivation of soils for the growing of crops and trees.
  - b. Ordinary and necessary grading or excavation for construction of buildings, structures or related septic systems pursuant to all required permits from the Township and any other governmental authority having jurisdiction over such activities.
  - c. Ordinary and necessary grading, excavation, or maintenance within a public right-of-way by any governmental authority having jurisdiction over that public right-of-way road or drainage easement.
  - d. Remediation of environmental contamination.
  - e. Construction of solid waste disposal facilities in accordance with Michigan Department of Environment, Great Lakes and Energy (EGLE) permits.

**(b) DEFINITIONS**

- (1) **Applicant/Owner/Operator.** Means a person who submits an Application under the Ann Arbor Charter Township Mineral Mining Ordinance. The terms “applicant”, “owner”, and “operator” shall include the tenants, lessees, agents, servants or assigns thereof.
- (2) **Application.** Means an application for a conditional use permit pursuant to the Ann Arbor Charter Township Mineral Mining Ordinance.
- (3) **Application Fee.** Means a sum to be paid by the applicant to the Township which is fixed by resolution of the Township Board of Trustees.
- (4) **Aquifer.** Means a saturated permeable geologic unit capable of yielding a significant amount of groundwater to a well or spring.
- (5) **Base Document(s).** Means a document required to be submitted under the Ann Arbor Charter Township Mineral Mining Ordinance.
- (6) **Beneficiation.** Means to process the extracted materials for any of the following purposes: (i) Regulating the grain size of the desired product; (ii) Removing unwanted constituents; and (iii) Improving the quality and purity of the desired product.

- (7) **Commencement Date.** Means the date a conditional use permit issued under the Ann Arbor Charter Township Mineral Mining Ordinance is signed by the Township Supervisor and Chairperson of the Planning Commission.
- (8) **De-watering.** Means the use of a well, pump or other mechanism to remove water from a surface or subsurface area as part of a mineral mining operation to lower the groundwater or surface water elevation.
- (9) **Discharge.** Means the discharge of process water out of the extraction area either onsite or off site.
- (10) **Dredging.** Means the extracting and removing of minerals carried out via a scoop or bucket or similar mechanism which are underwater or partially underwater and in which minerals are extracted and removed without de-watering.
- (11) **Escrow Account.** Means a sum paid by the applicant to the Township to be held by the Township in an account and drawn upon to defray reasonable actual costs and expenses incurred by the Township to review an application and/or administer a permit and includes (but not limited to) costs for engineering, geologic, hydrologic, land use planning, legal, and other expert assistance and analysis; testing; inspections; publications, mailings; recording fees; special meetings; and road maintenance.
- (12) **Extraction.** Means the digging, dredging, quarrying, excavation, or other removal of sand, gravel, soil, or other non-metallic minerals from a site.
- (13) **Extraction Area.** Means the area, as depicted on a topographical map, from which earth materials are removed or are intended to be removed including where processing occurs.
- (14) **Fill.** Means soil, rocks, sand, clay, that adds to or displaces soil or water or reduces water retention potential.
- (15) **Fines.** Means materials mined from the site passing 200 mesh sieve opening as defined by the National Standard Sieve Size (ASTM-E11) that are a by-product of any extraction operations at the site.
- (16) **Groundwater.** Means water below the land surface in a zone of saturation.
- (17) **Groundwater Elevation.** Means the elevation of the water table above mean sea level at any selected location..
- (18) **Groundwater Recharge.** Means the process involved in the addition of water to the zone of saturation or the amount of water added.

- (19) **Groundwater Recharge Area.** Means any area on the ground that facilitates the addition of water to the zone of saturation; generally, it is that portion of the drainage basin where the direction of groundwater flow near the surface is downward.
- (20) **Inert Materials.** Means a substance that will not decompose, dissolve, or in any other way form a contaminated leachate upon contact with water or other liquids, determined by the Township or EGLE as likely to be found at the fill area, percolating through the substance.
- (21) **Mineral Mining Operation.** Means extraction from the earth of mineral aggregates or non-metallic minerals for sale or use by the operator and includes the use of mining equipment or techniques to remove materials from the in-place non-metallic mineral deposit, as well as associated activities such as excavation, grading, dredging, loading and unloading. Also, it includes processes carried out at a non-metallic mineral mining site that are related to the preparation or processing of the mineral aggregates or non-metallic minerals obtained from the non-metallic mineral mining site, such as, but not limited to, stockpiling of materials, blending mineral aggregates or non-metallic minerals with other mineral aggregates or non-metallic minerals, grading, crushing, screening, and scalping.
- (22) **Monitoring well. Also, “test” or “observation” well.** Means a well constructed with the purpose of obtaining information about groundwater. This includes wells to quantify water levels, wells to collect samples for analysis, and observation wells for pumping tests.
- (23) **Non-Metallic Minerals.** Means a product, commodity or material consisting principally of naturally occurring, organic or inorganic, non-metallic, non-renewable material. Non-metallic minerals include, but are not limited to, stone, sand, gravel, clay, peat, and topsoil.
- (24) **Normal Routes.** Gravel roads and those paved roads that are subject to normal load and dimension maximums as defined by statute.
- (25) **Notice of Reclamation.** Means a document recorded with the Washtenaw County Register of Deeds, signed by the titleholder(s), which provides notice that a site is subject to a reclamation plan.
- (26) **Operator.** Means an owner and/or lessee of mineral rights or any other person engaged in or preparing to engage in extraction activities with respect to mineral rights within an existing or proposed extraction area.
- (27) **Ordinance.** Means the Ann Arbor Charter Township Mineral Mining Ordinance, as amended.

- (28) **Overburden.** Means earth materials situated below the layer of topsoil and above the mineral deposit to be extracted from the site which must be removed prior to mining.
- (29) **Permit.** Means a document issued pursuant to the Ann Arbor Charter Township Mineral Mining Ordinance which authorizes the extraction of natural resources.
- (30) **Person.** Means any individual, corporation, limited liability company, partnership, or other legally recognized entity, or combination thereof.
- (31) **Process Water.** Means any water used in processing of extracted materials from the Extraction Area, or water from de-watering operations.
- (32) **Processing.** Means the washing, sorting, crushing, aggregating, grinding, blending, mixing, or cutting of extracted material from the extraction site.
- (33) **Reclamation.** Means the reconditioning, rehabilitating or restoring of the extraction area and associated property, or portions thereof, to a self-sustaining, long term useful purpose which is compatible with contiguous land uses, which protects the natural resources, including controlling of erosion and the preventing of land or rock slides and air and water pollution, and which includes the re-establishing of vegetation, soil stability and establishing of safe conditions appropriate to the intended use of the land in accordance with the Township’s Master Plan and the permit conditions allowing for excavation and/or processing on the site.
- (34) **Runoff.** Means water from rain, snowmelt, irrigation, or other source that flows over the land surface.
- (35) **Sediment (or Settling) Ponds.** Means a series of ponds that are designed to remove fine particles from water used for processing materials extracted from the site.
- (36) **Site.** Means a parcel of land in the Township upon which activities are conducted subject to the Ordinance.
- (37) **Surface Water.** Means water that is on the earth’s surface, such as in a stream, river, lake or reservoir.
- (38) **Topsoil.** Means the fertile, dark-colored surface soil; the upper layer of soil, usually richer than the subsoil; generally, the “A” horizon.
- (39) **Water Table.** Means the surface of unconfined groundwater at which the pressure is atmospheric. The water table is found at the level at which water stands in wells that penetrate the unconfined groundwater zone.

- (40) **Wetland.** Means a land or water feature, commonly referred to as a bog, swamp, or marsh, inundated or saturated by water at a frequency and duration sufficient to support, and that under normal circumstances does support, hydric soils and a predominance of wetland vegetation or aquatic life.

(c) **CONDITIONAL USE PERMIT REQUIRED.**

Mineral mining shall require a conditional use permit, as described in Chapter 74, Article II, Division 3, as amended.

(d) **REQUIRED INFORMATION.**

- (1) **Comprehensive Plan.** The applicant shall submit a comprehensive plan that provides the following information:
- a. All information required under Chapter 74, Article II, Division 3, Conditional Use Permits, and Chapter 74, Article II, Division 4, Site Plan Review.
  - b. **Property Use Plan.** A property use plan that provides the following information:
    1. Boundary lines of the property; dimensions and bearings of the property lines, correlated with the legal description;
    2. Aerial photo, showing property and adjacent areas, location and outline of wooded areas, streams, marshes, and other natural features;
    3. Existing site improvements such as buildings, drives, wells, and drain fields;
    4. Existing topography at contour intervals of two feet;
    5. Location and description of soil types;
    6. Tree areas and other natural features to be retained, and/or impacted;
    7. Location and width of driveways from the site and sight distances on public roads at intersections with these driveways;
    8. Extent of future mining areas and depth thereof;
    9. Location and nature of structures, including pipes for water movement, and stationary equipment to be located on the site during mining operations; these structures shall also be shown on preliminary and final site plans;
    10. An estimate of the kind and amount of material to be withdrawn from the site and the expected termination date of mining operations;

11. Description of all operations to be conducted on the premises, including the phasing of such operations, such as, but not limited to, loading and unloading, excavating, crushing, sorting, and washing operations, and the type, size, power source and nature of equipment to be used with each operation;
  12. Description of pollution and erosion control measures;
  13. Certified statement by a qualified engineer, with supporting data and analyses, concerning expected impact on the water table and water supply wells in the vicinity of the site; and
  14. Map showing truck transportation routes to and from the site.
- c. **Market Analysis.** The applicant shall submit a report prepared by a geologist or other experts with credentials satisfactory to the Township Board to demonstrate that the natural resources to be extracted are valuable, and the applicant can receive revenue and reasonably expect to profit from the proposed mineral mining operation. The applicant shall also provide documentation to demonstrate that there is a need for the natural resources to be mined by either the applicant or in the market served by the applicant.
- d. **Reserve/Exploration map.** A Reserve/Exploration map and cross sections shall be prepared by an engineer or geologist and certified to the Township as true and accurate showing the extent, location and nature of all subsurface materials on the proposed extraction site on a topographic map including:
1. Estimated areal extent of deposit limits of materials to be mined;
  2. Depth and lowest elevations of exploration (e.g., drill holes) and the claimed deposit of materials to be extracted from the site;
  3. Groundwater elevations;
  4. Estimated quantity of reserves;
  5. Depth and estimated quantity of topsoil to be stripped;
  6. Depth, lower elevations and estimated quantity of overburden to be stripped; and
  7. Ten (10) foot contour intervals indicating the anticipated vertical and horizontal extent of excavation below the existing surface elevations.

- e. **Site Natural Features Inventory Map.** The Applicant shall provide a map and associated narrative describing the location and type of natural features on or adjacent to the site, including wetlands, watercourses, 100-year floodplains, woodlands, landmark trees, steep slopes, endangered species habitat as identified by the Michigan Department of Natural Resources, and groundwater recharge areas. This map shall be consistent with that required for the preliminary site plan pursuant to Section 74-175.
  
- f. **Hydrogeological Work Plan and Pre-study Meeting.** Prior to commencement of the hydrogeological study required in subsection g. below, a hydrogeological work plan shall be prepared and submitted to the Township to communicate aspects of the hydrogeological study. A pre-study meeting shall be held with the Applicant and the Township and relevant consultants to discuss the work plan and the parameters of the proposed hydrogeological study. The hydrogeological work plan shall contain:
  - 1. A brief assessment of geology and existing hydrogeological data within one (1) mile of the proposed mining site. This may be based upon readily available literature and online references;
  - 2. Identify applicable permits required from the United States, State of Michigan, County or other governmental entity, and any applications, correspondence or conversations pertaining to the same;
  - 3. A description of the proposed drilling methodology and monitoring well installation methods to evaluate groundwater presence and flow direction;
  - 4. A table summarizing the number of proposed soil borings and monitoring wells, the likely depth of drilling, along with corresponding rationale;
  - 5. A table summarizing the number of surface water gauging locations;
  - 6. A map or description showing the proposed surface water gauging, soil boring, and monitoring well locations;
  - 7. A map showing the property boundary and the conceptual or anticipated direction of groundwater flow;
  - 8. A table summarizing the frequency to collect water level and quality measurements;
  - 9. A description of proposed monitoring well construction; and
  - 10. A description of the survey methodology for determining groundwater and surface water elevations.
  
- g. **Hydrogeological Study.** A hydrogeological study shall be prepared by a certified professional geologist or professional engineer who specializes in hydrogeology

and who certifies the accuracy of the contents and findings of the study. The Planning Commission may have the study reviewed by the Township's consultant at the Applicant's expense. The hydrogeological study is intended to document the hydrogeological conditions on site and within the influence of the site and assess any impact the proposed mining operation may have on the water resources of the Township (both on and off-site). The applicant's consultant shall provide a report addressing the following minimum hydrogeological data and evaluation requirements (the hydrogeological report shall be a "stand alone" document). Some of the following information may be reduced at the discretion of the Township based upon the evaluation of the hydrogeological work plan described in subsection f.:

1. **Site and Mineral Mining Operation Description.**

i. Site location map(s) showing the regional setting. At a minimum, the map should cover an area with a two-mile radius measured in all directions from the center of the property. Depending on specific conditions for a particular site the Township may require an increase in the geographic area covered by this map. The site location map must show the following features:

- (1) Township name;
- (2) Township and range numbers;
- (3) Scale and north arrow;
- (4) Section lines and numbers;
- (5) Highways and roads;
- (6) Location of existing lakes, streams, drainage ditches, surface impoundments and wetlands within the geographic area covered by this map;
- (7) Boundaries for the property where the proposed mineral mining operation will occur;
- (8) Proposed limits of excavation;
- (9) Location and identification of any previous soil borings and wells, including abandoned and destroyed wells, and surface water monitoring points.

- ii. A detailed site map that covers an area that extends at least two thousand (2,000') feet beyond the property boundaries of the permit applicant. This map must depict:
  - (1) Scale and north arrow;
  - (2) Applicant's property boundaries;
  - (3) Boundaries and owner names for all adjoining land parcels;
  - (4) Based on available public information, provide the location of all existing lakes, streams, drainage ditches, and wetlands on-site and within two thousand (2,000') feet of the property boundaries;
  - (5) Based on available public information, provide water surface elevation for all existing lakes, streams, drainage ditches, and wetlands located on-site and within two thousand (2,000') feet of the property boundaries.
  - (6) Wetlands expected to be impacted by the extraction operation;
  - (7) Boundaries of proposed extraction area; and
  - (8) Land surface elevations for the property shown by appropriately selected contour intervals.
- iii. Describe the existing land use, site conditions and the basic scope of the operation.

2. **Field Investigations.**

- i. Test borings must be drilled to determine the subsurface geology. A minimum of four (4) test borings shall be located outside the perimeter of the proposed Mineral Mining Operation. At least one boring shall be near the center of the proposed Extraction Area. These borings must be drilled to a depth sufficient to ascertain the geology of the aquifer systems that could be impacted by the Mineral Mining Operation. The locations of these borings must be clearly shown and labeled on the detailed site map. Descriptive logs for each boring should be prepared by a geologist using the Unified Soil Classification System ("USCS") to describe the different layers. Boring logs must contain the following minimum information:

- (1) Boring name;
- (2) Land surface elevation;
- (3) Depth of boring;
- (4) Description of different layers encountered to the bottom of the boring;
- (5) Construction details;
- (6) Depth to water.

- ii. Permanent monitoring wells shall be installed on site near the perimeter of the site and outside of any proposed excavation or construction. If more than one aquifer is encountered in the test borings, separate monitoring wells must be screened in each aquifer to determine the vertical head gradient between aquifers, groundwater flow direction, and water quality in each aquifer, and to calculate the impacts from lowering the head in one aquifer and raising the head in the other aquifer. The monitoring well construction logs shall be included in the report appendix. Monitoring wells shall be constructed to requirements of the United States EPA, EGLE and Washtenaw County Environmental Health. Applicant shall not abandon or remove permanent monitoring wells without the prior approval of the Township. The groundwater monitoring system shall consist of a sufficient number of wells at appropriate locations and depths to collect groundwater samples that provide the required information. Such monitoring system shall accurately measure the quality and levels of background groundwater that has not been affected by mining. Such monitoring system shall also accurately measure the quality and levels of groundwater passing the downgradient boundary of the property which ensures detection of groundwater contamination or changes in water chemistry in the subject aquifer and other aquifers potentially affected by the Mineral Mining Operation. In addition, the monitoring system must include a minimum of one upgradient (highest groundwater elevation on site) and three downgradient (lowest groundwater elevation on site) monitoring wells; however, additional monitoring wells must be installed as necessary to accurately represent the quality of background groundwater and the quality of groundwater leaving the property boundary.
- iii. Water levels and water quality in the monitor wells and on-site wetlands, streams, and lakes shall be measured. All static water levels shall be related to a common USGS datum and elevations

shown on a map and in a report table. Water quality parameters shall be collected in accordance with the process outlined in the baseline water quality section below.

3. **Baseline Water Quality.**

i. Groundwater Monitor Wells. All monitor wells shall be sampled and analyzed in accordance with EGLE sampling and analysis protocols prior to commencing extraction operations to establish background groundwater quality. A minimum of two (2) sampling events are required (four or more are preferred), one event during a high groundwater elevation period and the other during a low groundwater elevation period. All laboratory testing shall be conducted in conformance with the most sensitive current applicable U.S. Environmental Protection Agency Test Method available, and data shall be compared to EGLE Generic Residential Cleanup Criteria and Screening Levels promulgated or issued under Part 201 of the Michigan Natural Resources and Environmental Protection Act, MCL 324.20101 et seq., as amended. Testing shall include the following indicator parameters:

- (1) static water level elevation;
- (2) groundwater temperature;
- (3) specific conductance;
- (4) pH;
- (5) dissolved oxygen;
- (6) redox potential;
- (7) total dissolved solids (TDS);
- (8) The concentrations of each the following: chloride, sodium, calcium, sulfate, bicarbonate, magnesium, manganese, iron, potassium, phosphorus, and nitrate nitrogen;
- (9) Resource Conservation and Recovery Act (RCRA) metals, and
- (10) total petroleum hydrocarbons (TPH);
- (11) If TPH is detected, then the following testing is also required:

- (a) Polycyclic aromatic hydrocarbons (PAH)
  - (b) Volatile organic compounds (VOCs) and Semi-volatile organic compounds (SVOCs)
  - (c) Methyl tert-butyl ether (MTBE)
- ii. Surface Water. After conferring with the applicant's consultant, the Township's consultant shall determine, the number, type and location of surface water samples necessary to identify potential surface water impacts from extraction operations. Each river, stream and other readily flowing body of water shall be sampled in locations, subject to obtaining rights of access, to be determined in consultation with the Township's consultant for the following parameters:
  - (1) water elevation;
  - (2) base/bed elevation;
  - (3) pH;
  - (4) conductivity;
  - (5) total dissolved solids (TDS); and
  - (6) total suspended solids (TSS).
  - (7) RCRA metals;
  - (8) total petroleum hydrocarbons (TPH);
  - (9) If TPH is detected, then the following testing is also required:
    - (a) PAHs;
    - (b) VOCs and SVOCs
    - (c) MTBE.

4. **Site Characterization.**

i. Site conceptual model (written and illustrative) showing conceptual groundwater flow at the site shall be provided for each aquifer within the extraction zone or potentially affected by the extraction operation. The following site characterization data shall be provided:

(1) Description of Geologic Units. The composition, structure and distribution of each layer, and the range of variation in each including the soil or rock description and classification;

(a) A map showing the location of geologic cross-sections;

(b) Multiple geologic cross-sections passing through the proposed Extraction Operation and all areas of concern (e.g., wetlands, streams, lakes, residential wells, etc.) to a distance of approximately two miles from the center of the site. On these cross-sections, show the following information:

a. Vertical and horizontal scale;

b. Existing land surface elevations;

c. Boundaries and depth of any proposed excavation;

d. Well locations and logs used to prepare the cross-sections;

e. Thickness and extent of the subsurface geologic strata;

f. Location and depth of all water supply wells, wetlands, streams, and lakes falling on and near the cross-section; and

g. Static water level elevations.

(2) Description of Hydrogeologic Units. Descriptions of the hydrogeologic units within the saturated zone including their thickness, hydraulic properties, such as transmissivity and storage coefficient or specific yield; descriptions of the role of each as confining beds, aquifers, or perched saturated

zones; and their actual or potential use as water supply aquifers.

- (a) Brief discussion of the regional and local hydrogeology.
- (b) A contour map of the water table elevations, including water-level elevation measurements from on-site wetlands, streams, and lakes and that depicts the site boundaries.
- (c) Description of the Flow System. Description of the groundwater flow system, illustrated with potentiometric contour lines and streamlines on appropriate plans, and specifically describing the following and discussing their significance with respect to groundwater:
  - a. Direction and rates of groundwater movement within the identified hydrogeologic units, including the vertical components of flow. Seasonal or other temporal fluctuations in potentiometric head. The change in recharge rates that will occur due to the presence of the proposed mining operation, or for renewal plans the change in recharge rates that may have occurred
  - b. The role of confining beds with regard to limiting downward or upward movement of groundwater.
- (d) Tabulate and summarize water quality data with tools such as tables that highlight detection of organic compounds and graphics such as piper and stiff diagrams that highlight the distribution of cations and anions. Analytes shall be compared to water quality standards.
- (e) The applicant shall provide a numerical model of the area within a radius of two-miles from the site if deemed necessary by Township consultants, or Planning Commission, based on the nature of proposed operations, the potential for contamination, or known or anticipated declines in water levels. The

parameters of the numerical model shall be agreed to by the Township.

5. **Potential Environmental Impacts.** A narrative that documents existing site conditions and identifies potential short-term and long-term impacts on the Township water resources during and after the proposed Extraction Operations shall be provided. At a minimum, this section must contain the following elements:
  - i. Description of present land use and the relationship of the site to surrounding properties. The site location map shall be used for this description.
  - ii. Discussion of the proposed Extraction Operation and schedule, along with the intended future use of site. The topographic map showing proposed extent of the Extraction Operation and different phases, if applicable.
  - iii. Water quality impacts on existing surface water and groundwater quality and quantity, and an analysis and conclusion discussing the expected impacts;
  - iv. If applicable, prepare maps and cross-sections showing the nature and extent of the hydrogeologic impact(s), (e.g. water-level decline or increase).
  - v. Elevations of groundwater (e.g. project water level decline/rise in each aquifer) and surface water bodies on and proximate to the site, considering both short-term and long- term potential impacts.
  - vi. If the Mineral Mining Operation creates or enlarges an excavated lake, the evaporation impact shall be analyzed through a water budget analysis using EGLE 's applicable guidance for how to perform this analysis.
6. **Additional Hydrogeological Data.** The Planning Commission may require additional data related to the site, including, but not limited to, the following:
  - i. If the applicant is applying to dewater, the applicant shall provide a numerical model of the area within a radius of two-miles from the site to determine water-level decline over the life of the mine at various distances from the center of the Mineral Mining Operation. The parameters of the numerical model shall be agreed to with the Township.

- ii. **Surface Water Diversions.** Additional investigations may be needed to demonstrate that no diversion of surface water will impact existing surface water bodies or wetlands located on-site or very near the proposed Mineral Mining Operation. Site operation, stockpiling, and reclamation plans must be evaluated for the potential to divert water toward an excavation and away from an existing surface water body or wetland.
  
- h. **Reclamation Lake Creation.** Where lakes are proposed as part of site reclamation a hydrogeological investigation, consistent with what is required under Part 301 of the Michigan Natural Resources and Environmental Protection Act, MCL 324.30101 et seq., as amended must be provided.
  
- i. **Transportation Routes.** The Township may, as a condition of the conditional use permit, designate which public roads within the Township that trucks or any other vehicle accessing the site may use. Any entrances and exits to and from the site shall be adjacent to all-season primary road, if possible. Transportation routes through the Township shall minimize truck traffic through residential areas. Trucks used to transfer the natural resources shall follow a route that poses the least interference with other traffic, minimizes traffic through residential areas, and uses public streets constructed for high volumes of heavy truck traffic. The applicant must submit a proposed transportation route plan including:
  - 1. The route to be used for the proposed operation, accompanied by a letter of preliminary comments from the road commission impacted by the transportation route.
  - 2. A description of all proposed transportation routes to be used to transport natural resources from the mining area to all freeways or state trunk line highways proposed to transport natural resources to destinations, other than for local deliveries.
  - 3. Estimated type, size, number, and hourly count of trucks leaving the site daily, during peak season and annually;
  
- j. **Mining Plan.** A mining plan shall be provided that contains the following:
  - 1. Topographical map;
  - 2. Nature of operation, including:
    - i. Methods of excavating, including excavation equipment;

- ii. Methods of transporting material from mine site to processing plant, including earth handling equipment to be used on-site;
  - iii. Types of processing activities, such as screening, washing, crushing, etc.;
  - iv. Estimated quantity, use and disposal of material fines;
  - v. Size of settling ponds;
  - vi. Estimated annual production in tons;
  - vii. The contemplated phasing for the operations as well as a date for completing the mineral mining operation, such date to be based upon the estimated volume of material to be extracted and an average annual extraction rate; and
  - viii. If the proposed extraction activity includes beneficiation or treatment of the extracted material, the application documents shall include specific plans depicting the methods, techniques, and manufacturer's material safety data sheets on all chemicals, or other additives that are not natural to the site, that will be utilized in the process. The operator shall also obtain all applicable state and federal permits prior to beginning the beneficiation process.
- k. **Noise control plan.** A noise control plan prepared by a qualified professional estimating the noise levels at the property boundaries containing the Mineral Mining Operation, at successive stages of the operation and along the transportation route shall be provided. See 74-592a(f)(15).
- l. **Erosion control plan.** An erosion control plan shall be provided which provides a complete description of all the soil erosion measures, including (but not limited to) all erosion strategies and control measures such as silt fences, vegetation screens, sediment basins, and settling ponds; location of control measures particularly on bare surfaces including steep slopes; time schedule and installation description for each control measure; all temporary and permanent measures and maintenance of each. The plan shall conform to any and all requirements of soil erosion and sedimentation requirements promulgated by Federal, State and County government as well as the Township soil erosion and sedimentation requirements pursuant to Section 58-119. The applicant shall submit this plan to the appropriate County agency for approval. The plan approved by the Township shall be incorporated into the extraction permit issued under this Ordinance.
- m. **Pollution prevention plan.** A pollution control plan containing a complete description of proposed pollution prevention methods based on National Fire

Protection Association, State of Michigan and Washtenaw County pollution prevention laws shall be provided. The plan must address all sediment, storm water and settling basins, as well as any probable impacts from processor activities or on-site fuel or chemical storage;

- n. **Lighting plan.** A lighting plan showing the location of exterior lighting on the site including a photometric plan shall be provided. Exterior lighting shall conform to Section 74-606 of this ordinance.
- o. **Environmental impact analysis (EIA).** Applicant shall prepare an environmental impact analysis addressing the impact the operation will have on the site's natural features, flora, fauna as well as impacts on human and natural environments on adjacent lands and along the transportation route. Applicant shall identify any mitigation measures needed to eliminate or minimize these impacts.
  - 1. At a minimum the statement should address the following: noise; dust; mud; drainage; erosion; sedimentation; views of the mine site from adjacent roads and properties; wetlands; floodplains; special habitats; threatened or endangered species; areas and features of historic, archeological and natural significance; truck traffic and access to and from the site; traffic study; compatibility with adjacent land uses; impacts to residents adjacent to site and along transportation route; changes in social patterns and/or economic conditions of residents; and any additional items that the applicant, Planning Commission or Board of Trustees deems significant. This section is intended to provide an environmental impact analysis using the assembled data identified in the previous sections. The applicant should analyze how the various data interrelate and how the proposed operation will affect the human and natural environments. Environmental impacts identified in the hydrogeological study should be incorporated into the EIA and related to the discussions of other impacts; although the hydrogeological support data does not have to be re-stated, it should be referenced in the environmental impact analysis.
  - 2. In addition to the items in section immediately above, the EIA shall address the following issues:
    - i. An inventory of the physical environmental elements of the proposed site;
    - ii. A description of the quality of the environment as it exists prior to commencement of mining activity or, for a renewal, as it exists at the time of renewal;
    - iii. A description of the environment as projected at the end of mining activity;

- iv. Compatibility of the proposed extraction activity with adjacent existing land uses and future land use plans/Township Master Plan;
  - v. Impact of the proposed extraction activity on flora and wildlife habitats;
  - vi. Economic impact of the proposed extraction activity on the surrounding area;
  - vii. Effects of the proposed extraction activity on groundwater supply, level, quality, and flow on site and within two miles of the proposed extraction activity;
  - viii. Effects of the proposed activity on adjacent surface water resources;
  - ix. Effect of the proposed activity on air quality within one thousand (1,000') feet of the proposed extraction; and
  - x. Whether the proposed activity is located within one thousand (1,000) feet of a residence, two thousand (2,000) feet of a school, and/or 500 feet of a commercial development.
- p. **Property value impact analysis.** Applicant shall provide a report on the impact of the applicant's Mining Operation use on property values in the vicinity of the mineral mining property and along the proposed transportation route serving the property.
- q. **Reclamation plan.** A reclamation plan showing that the entire property will be left in a form for development with uses that are permitted in the district, relating such reuse to existing uses or probable uses for surrounding properties, shall be provided and shall include the following elements:
- 1. All rehabilitation activity shall comply with soil erosion and sedimentation requirements of Part 91 of the Michigan Natural Resources and Environmental Protection Act, MCL 324.9101 et seq., as amended.
  - 2. Proposed topography at contour intervals to provide adequate grading information, subject to the Township engineers recommendation, with two (2) feet being the minimum. Such grade and slope designations shall be included with respect to areas proposed to be beneath the surface of permanent water areas.
  - 3. Schedule of progressive rehabilitation: The plan should provide that after mining is completed on one specified area, reclamation shall commence in that area before mining continues on other areas of the site. The plan shall provide that as mining areas are worked out or abandoned they are

progressively rehabilitated to a condition of being entirely lacking in hazards, inconspicuous, and blended with the general surrounding ground form so as to appear natural.

4. Proposed ground cover and other plantings to stabilize the soil surface and to beautify the restored area, as well as to protect from erosion and siltation.
5. Concept plan(s) for the proposed end use of the site when restored drawn to scale, and prepared by a professional engineer, or licensed landscape architect, registered in the State of Michigan. The concept plan shall include:
  - i. The proposed circulation system, including the location of internal roads and connection to the external road network.
  - ii. Delineation of drainage patterns, identification of lakes, flood plains, wetlands, and, if residential use is proposed, conceptual layout of lots.
  - iii. A description of the permits and other legal steps that would be required to implement the proposed end-use.
6. A landfill or other disposal or refuse site will not be considered a suitable or satisfactory use.
7. A description of the construction and rehabilitation techniques that will be used, including:
  - i. A description of methods and materials to be used in restoring the site.
  - ii. The proposed date for completing all extraction operations and handling of all spoils and extraneous materials.
  - iii. The date for completing the final reclamation.
  - iv. A list of all seeding and planting materials, which must include native stock.

**(e) CONDITIONAL USE PERMIT STANDARDS AND REVIEW CRITERIA**

- (1) **Conditional use permit required.** Mineral mining shall require a conditional use permit, as described in Section 74-131. It shall be a violation of this Ordinance for any person or entity to engage in the extraction of natural resources without an approved conditional use permit approved by the Township, or to engage in mining activity that is not expressly authorized in an approved conditional use permit.

- (2) **Conditional use permit standards.** If the Township finds any of the following, it shall not grant a conditional use permit: (i) there are no valuable natural resources located on the property; (ii) that there is not a need for the natural resources by the applicant or in the market served by the applicant; or (iii) a very serious consequence would occur from the proposed mining activity or (iv) if requirements of this ordinance have not been met. The burden of demonstrating competent, material and substantial evidence meeting each standard is on the applicant. The applicant's failure to provide sufficient information, data or documentation necessary to meet a standard is a basis for denial of the application. In determining if "very serious consequences" would occur, the applicant and Township must consider the cumulative impacts of all adverse impacts. The following factors shall be considered in making that determination that a very serious consequence would occur:
- a. The relationship of extraction and associated activities with existing land uses.
  - b. The impact on existing land uses in the vicinity of the property.
  - c. The impact on property values in the vicinity of the property and along any proposed transportation route serving the property, based on credible evidence.
  - d. The impact on pedestrian and traffic safety in the vicinity of the property and along any proposed transportation route serving the property, including:
    1. The average and maximum number of loaded trucks per day anticipated to leave the proposed operation during the operating season.
    2. The impact on motorized and non-motorized vehicular and pedestrian traffic, resulting from the number, size, weight, noise, and fumes of vehicles, vehicular control, braking, and vehicular movements in relation to routes of traffic flow, proximity and relationship to intersections, adequacy of sight distances, location and driveways and other means of access, off-street parking and provisions for pedestrian traffic.
    3. Overall, the impact of the proposed use, including transportation route(s), on children, older persons, and handicapped/disabled persons, with consideration to be given to the extent to which such persons shall be required to forgo or alter their activities.
  - e. The impact on other identifiable health, safety, and welfare interests in the township.
  - f. The overall public interest in the extraction of the specific natural resources on the property.
  - g. The impact on other important natural resources, such as wetlands, lakes, watercourses, aquifers, natural habitats and similar environmental resources, the

preservation of which is necessary for the public health, safety and welfare of the Township.

- (3) In addition to the above standards, the proposed use must also meet the standards for all conditional use permits, Section 74-136 and 74-137, and for preliminary site plans, Section 74-175b and where applicable, final site plans, section 74-176c.
- (4) **Detailed mining requirements.** Mining operations shall meet the following requirements:
  - a. Side slopes around the active extraction-area perimeter shall have a grade not exceeding one (1) vertical foot per four (4) horizontal feet. The banks adjacent to any submerged areas shall have a grade not exceeding one (1) vertical foot per six (6) horizontal feet, out to a depth of six (6) feet.
  - b. Extraction areas which are inactive for over one year must be stabilized and slopes reduced to 1:4.
  - c. The post-reclamation use proposed in the concept plan must be acceptable based on a review of the zoning district, Township master plan, surrounding land uses, and site characteristics.
  - d. Upland Slope. All upland reclamation grades for extraction operations shall have a slope not steeper than one (1) foot vertical rise in a four (4) foot horizontal plane, except that the Planning Commission may approve plans that allow steeper reclaimed slopes in order to provide a smoother transition to undisturbed topographic features or the protection of existing environmental features.
  - e. Submerged slope. All submerged grades established by the excavation of material below the water table and the creation of a water body shall have underwater slopes as follows:
    1. For water bodies the submerged grades shall be one (1) foot vertical rise in a six (6) foot horizontal plane, or flatter, to a depth of six (6) feet, unless designated for future public access or the future use is not specified.
    2. For all water bodies where the future use is not specified and/or the reclamation plan designates a final use after mining as public access, the area designated for public access shall have submerged grades of one (1) foot vertical rise in a ten (10) foot horizontal plane, or flatter, to a depth of six (6) feet as measured from the low water elevation.
  - f. Wetlands. Mining in wetlands is discouraged. In instances where mining in a wetland is proposed, a township wetland use permit is required. If the wetland use permit has been approved by the Township, mitigation may be required.

- g. Surface Water. Before disturbing the surface of the site and removing topsoil, all necessary measures for diversion and drainage of runoff from the site to prevent pollution of waters of the state shall be installed in accordance with approved site reclamation plans. Diverted or channeled runoff resulting from reclamation may not adversely affect neighboring properties. Site reclamation shall be conducted and completed in a manner that assures compliance with the EGLE water quality standards for surface waters.
- h. Groundwater. The site shall be reclaimed in a manner that does not cause a permanent lowering of the water table resulting in adverse effects on surface waters or a significant reduction in the quantity or quality of groundwater reasonably available for future users of groundwater. Site reclamation shall be conducted in a manner which does not degrade groundwater quality in the aquifers. Where on-site lakes or ponds are connected to the groundwater, to ensure that future on-site uses adjacent to these lakes and ponds do not lead to degradation of the quality of the groundwater, enforceable conditions that protect groundwater quality must be provided in a restrictive covenant or master deed to run with the land.
- i. Endangered Species. If threatened or endangered species are identified within the extraction area boundaries, the extraction and reclamation plan shall indicate how the threatened or endangered species shall be protected.
- j. Setbacks. A two hundred (200') foot minimum setback distance from the property line to the reclamation area boundary line shall be provided on all reclamation plans. The Township may approve plans requiring more than the minimum setback to protect public health, safety, welfare, and the natural environment.
- k. Road track out control plan to alleviate mud, soils, dust and other materials from the under carriage, and wheels of trucks resulting from the mining operation, which may include sweeping; spraying the under carriage, wheels and wheel wells; or other best management practices. The plan shall include proposed management practices on both access roads and public roads, beyond normal maintenance of the road commission(s). This plan is to be reviewed annually by the Township Board;
- l. Dust control plan to alleviate dust resulting from mining operations, which may include sweeping, paving, spraying water, windbreaks, strategic placement of stockpiles, or other best management practices. The plan shall include proposed management practices on both access roads and public roads, beyond normal maintenance of the road commission(s). This plan is to be reviewed annually by the Township Board;
- m. Prior to coming on-site, all imported fill materials shall meet the following specifications: (i) Materials shall be inert materials; (ii) Materials shall be free of contaminants, (iii) meet the definition of fill provided in this ordinance. Ann Arbor

Township may require imported materials be inspected and tested, at the applicant's expense, to determine that the materials are inert and free of contaminants. If the applicant, or persons associated with the applicant, seeks authorization from any federal, state or county governmental body or agency related to the importation of materials on a site, the applicant shall simultaneously file a copy of that application with the Township.

**(f) SPECIFIC OPERATING CONDITIONS**

(1) **De-watering.** Mineral Mining Operations shall not include de-watering operations for extraction or any other processing of natural resources unless all of the following conditions are met to the satisfaction of the Township:

- a. The hydrogeological study required under 74.592a(d)(1)g. demonstrates with a high degree of confidence and to the satisfaction of the Township that no adverse impacts, when considered alone or in combination with other adverse impacts that may occur from the mining operations, will result in very serious consequences due to the proposed de-watering operations, including but not limited to, adverse impacts to domestic water supply wells or natural resources;
- b. An aquifer monitoring plan, including monitoring wells installed and monitored at the operator's expense, is provided for Township review and, if satisfactory to the Township, approval; and
- c. The Conditional Use Permit specifically states that if there is any evidence of adverse impact to water resources, as determined by the Township, de-watering operations shall immediately cease. The applicant shall immediately report any such known adverse impacts to the Township Supervisor and mitigate the same. De-watering operations may not resume until a plan to address the adverse impact has been submitted by the applicant and approved by the Township.
- d. When de-watering or discharge is proposed, the public notice must include that de-watering or discharge has been requested.

(2) **Discharge.** Mineral Mining Operations shall not include discharge of process water out of the extraction area unless all of the following conditions are met to the satisfaction of the Township:

- a. The comprehensive hydrogeological study required under 74.592a(d)(1)g. demonstrates with a high degree of confidence and to the satisfaction of the Township that: (i) any discharge out of the extraction area returns water directly and in a substantially undiminished volume to any aquifer affected by an approved de-watering operation; and (ii) this discharge has no adverse impacts, when considered alone or in combination with other adverse impacts that may occur from the mining operations, that will result in very serious consequences to the quality

and quantity of water feeding water supply wells that draw from the affected aquifer, wetlands, water bodies, or other natural features.

- b. The Conditional Use Permit specifically states that if there is any evidence of adverse impact to water resources, as determined by the Township, discharge operations shall immediately cease. The applicant shall immediately report any such known adverse impacts to the Township Supervisor and mitigate the same. Discharge operations may not resume until a plan to address the adverse impact has been submitted by the applicant and approved by the Township.
- (3) **Blasting.** Mining operations shall not include blasting operations for extraction of natural resources unless all of the following conditions are met to the satisfaction of the Township:
- a. A comprehensive blasting plan and impact analysis demonstrates that, with a high degree of confidence and to the satisfaction of the Township that no adverse impacts, when considered alone or in combination with other adverse impacts that may occur from the mining operations, will result in very serious consequences due to the proposed blasting operations including but not limited to, adverse impacts to schools or residences within 1 mile of the mineral mining operation property line. Adverse impacts include sound greater than 85dB at the property line or at residential or educational properties within 1 mile, vibrations, dust that can be discerned at the property line or at residential or educational properties within 1 mile of the boundary of the Mineral Mining Operation site.
  - b. Blasting may not occur within 1500 ft of an adjacent residence.
  - c. Blasting shall be underground.
  - d. Blasting may only occur between the hours of 1:00 and 3:00 p.m., one day per week and not on a Saturday, Sunday or legal holiday.
  - e. Blasting shall not produce debris outside the excavation area.
  - f. For each occurrence of blasting, at least one week notice of blasting shall be provided to the township and all residents within 1 mile of the mineral mining operation boundary.
  - g. A blasting monitoring plan, including noise and vibration measurements which shall be installed and monitored at the operator's expense, is provided for Township review and, if satisfactory to the Township, approval.
  - h. The Conditional Use Permit specifically states that if there is any evidence of adverse impact due to the blasting activity, blasting operations shall immediately cease. The applicant shall immediately report any such know adverse impacts to the Township Supervisor and mitigate the same. Blasting may not resume until a

plan to address the adverse impact has been submitted by the applicant and approved by the Township.

- (4) **Access.** There shall be no more than one access point from a public road to such lot for each 660 feet of front lot line. Such entrance shall be located not less than 500 feet from an intersection of two or more public roads.
- (5) **Hours of Operation.** Unless further limited by other sections of the Ann Arbor Charter Township Mineral Mining Ordinance, Mineral Mining Operations shall be permitted only between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, and between 8:00 a.m. and 12:00 noon on Saturday. Operations shall not be permitted on Sunday or legal holidays.
- (6) **Setbacks.** The following setbacks shall be required:
  - a. A setback of the Extraction Area from the nearest public road right-of-way or adjoining property line of not less than 100 feet, and not less than 500 feet from the nearest residential dwelling on adjacent property as of the date of submittal of the plan for extraction. Additional mitigation requirements for dust and noise may be required at the discretion of the Township.
  - b. The following minimum setbacks of fixed machinery, equipment and buildings, and equipment used for screening, crushing and washing:
    1. Not less than 300 feet from the nearest public road right of way.
    2. Not less than 300 feet from the nearest adjoining property line.
  - c. A setback of 150 feet from the perimeter of the site to internal roads, and 300 feet from the perimeter of the site to all stockpiles.
- (7) All roads, driveways, parking lots, and loading and unloading areas within 100 feet of any lot line shall be paved or treated in an environmentally sensitive manner so as to limit the impact of windborne dust on adjoining lots and public roads.
- (8) The Operator shall be held responsible for all public roads upon which trucks transport materials from the mineral mines to keep those roads in a drivable condition at least equal to that which existed prior to the beginning of mineral mining operations; and to keep the roads dust free and to clean any and all spillage of material and dirt, rock, mud, and any other debris carried onto the roads by these trucks or other equipment. Trucks must be limited to those that are within load and dimensional limits for County Normal Routes including seasonal load limits, and trucks shall not be operated from the mine when conditions along the route are unsafe due to rainy or icy conditions
- (9) Any noise, odors, smoke, fumes, or dust generated on the site by any excavating, loading, or processing operation and able to be borne by the wind shall be confined

within the boundary lines of such site as much as possible so as not to impact any adjoining lot or public road and shall comply with any applicable Township ordinances.

- (10) Truck loads shall be fully secured before leaving the site, and trucks shall not idle or queue outside of the Extraction Area or on public roads.
- (11) All areas within a mineral mine shall be progressively rehabilitated in accordance with the reclamation plan.
- (12) Only equipment owned or leased by the operator of the mineral mining operation and used in the operation of the mineral mine shall be stored overnight or for longer periods anywhere on the premises. Storage of any other equipment on the premises shall be prohibited.
- (13) Operator shall have obtained approval of a potable water supply and sanitary sewage disposal systems by the Washtenaw County Health Department.
- (14) All materials that are transported from the site must have been mined on site. No materials may be brought to the site for subsequent sale or transportation from the site.
- (15) Concrete, cement, or asphalt production shall not be allowed as part of a mineral mining operation.
- (16) **Perimeter Berms.** Prior to the commencement of any extraction operations under any Conditional Use Permit the Applicant/Owner/Operator shall have completed construction of a berm in accordance with the approved site plan, seeded to prevent erosion around those areas of the site where adjacent properties are exposed to the views and noise of the extraction operation and as provided in the approved site plan. The berm shall be of variable height with the top and outside sides of the berm varying in slope from four (4) feet horizontal to one (1) foot vertical to ten (10) feet horizontal to one (1) foot vertical. The berms shall not be uniform or geometric in shape and shall be blended into the natural landscape. The lower or “valley” parts of the berm shall be heavily planted with a mix of evergreen and deciduous trees and shrubs to create an effective visual screen and as provided in the approved site plan. Each berm shall be constructed so as to prevent surface water running off the berm onto any property adjacent to the site. The location of the berm shall be noted in the approved site plan. Exterior facing berms for settling ponds or similar structures are considered perimeter berms and shall meet this standard.
- (17) **Noise.** Noise levels at the boundary of the site shall not exceed 65dB. Noise levels caused by applicant’s truck traffic along the transportation route shall not exceed 82dB in a single occurrence, or 74dB based upon the arithmetic average of daily readings of maximum sound levels from truck traffic events during permitted hours of operations, such readings taken from noise monitors approved by the Township installed by the applicant at each entrance and exit to the site, and at off-site locations chosen at the

discretion of the Township and installed by the Township at the expense of the applicant along the designated route. The applicant's Noise control plan referenced in Section 74-592a(d)(1)(k) shall include the acknowledgment and agreement that if such average readings due to truck traffic to and from the site exceed 74 dB at any noise monitoring location, the applicant shall reduce the amount of daily trips to and from the mine until such noise readings fall within the permitted daily average limit of 74 dB, and the applicant shall reduce such trips accordingly upon each such occurrence.

- (18) The applicant shall demonstrate compliance with all of the provisions of Section 74-594, Performance Standards, as amended.
- (19) The Township shall require a schedule of water sampling, the frequency of which shall be determined by the Township. At a minimum, monitor wells shall be sampled and analyzed annually for the indicator parameters and two times per year for the full list of chemical parameters identified in Section 74-592a (d)(1)g.3.i., and compared to the EGLE Generic Residential Cleanup Criteria and Screening Levels promulgated or issued under Part 201 of the Michigan Natural Resources and Environmental Protection Act, MCL 324.20101 et seq., as amended, as well as baseline water quality data for the site, if available. At the option of the Township, annual residential and public water supply well sampling shall commence at a time based on consideration of groundwater flow rate, direction, and distance from the site boundaries. Water supply wells shall be sampled and analyzed for the parameters identified for baseline water quality data including water levels. The Township, at the expense of the applicant, may require additional testing frequency and/or analyses for additional parameters to better assess any potential water quality or quantity risks or concerns. The results of such water testing shall be provided to the Township as soon as they are available.
- (20) The applicant shall have an analysis of any water samples performed at a state-certified water quality laboratory. Tests shall be performed on water supply and monitor wells in accordance with standards and parameters jointly established by the Township's expert and the applicant's expert taking into consideration the type and level of extractive activities which have and/or which will occur on the site. In the event the Township's expert and applicant's expert disagree, then the Township's expert shall make the determination.
- (21) The Township shall be entitled to split at any time any samples taken by the applicant. The Township, at the expense of the applicant, may cause tests to be performed on the split samples. Results of such tests shall be provided to the applicant.

**(g) REPORTS AND INSPECTIONS**

- (1) **Annual Report.** Each year at the anniversary of approval of the Conditional Use Permit by the Township Board of Trustees, the Applicant/Owner/Operator shall submit a report to the Township, which shall be considered by the Township at the next meeting of the Township Board that is at least thirty (30) days after the date of submission of the report. The report shall include the following information:

- a. Tonnage and cubic yards of sand, gravel, and other materials removed from the mineral mining site.
- b. Description of reclamation activities undertaken during the year.
- c. Description of landscaping activities undertaken during the year.
- d. Total acres of unrestored, disturbed land from one annual inspection date to the next, including processing plant area, un-seeded berms and slopes, un-reclaimed areas, un-reclaimed shorelines, areas stripped of topsoil, and water areas where active extraction is occurring.
- e. Total acres of land reclaimed during the year, include amount and types of reclaimed land (e.g., acres of open water, acres of uplands, etc.) and total acres reclaimed since operations began at site.
- f. Summary of truck trips. A truck trip is a one-way trip in or out of the mining site:
  1. Daily truck trip log with loaded truck weights broken out by axle counts for each operating day of the year
  2. An annual trip log containing weekly and monthly trip averages and weekly and monthly average truck weights broken out by axle counts.
- g. As part of the annual report applicant shall provide a narrative summary of results of all water testing.
- h. Statement and location of planned extraction and reclamation activities for the next year.
- i. Statement regarding conformance to the approved mineral mining operations and reclamation plans and compliance with required State and Federal regulations including but not limited to the volume of material excavated and removed from the site, the volume of restoration material stockpiled on site, and the sufficiency of the stockpiled material to restore the then excavated site pursuant to the approved Reclamation Plan.
- j. Description of any complaints received during the prior calendar year and procedures used to resolve the complaints.
- k. A list of all equipment that is located on and used at the site, whether temporary or permanent.
- l. An aerial photograph of the entire site on a scale not smaller than one (1) inch equals two hundred (200) feet, taken prior to the date of the Annual Report required under this Ordinance. In addition to the aerial photograph, upon recommendation from the Township Engineer, the Board of Trustees may require the submission of an aerial topographic photograph.

- m. List of all road improvements paid for by the Applicant.
  - n. Written evidence that the financial guaranties and liability insurance required pursuant to the Ordinance are in full force for a period of not less than twelve (12) months from the date of the Annual Report.
  - o. Copies of applicable permits and/or reports that may be required from other governmental agencies.
  - p. Documentation of any enforcement actions whether pending or concluded, as well as, the disposition.
  - q. Applicant shall provide a list of fill materials deposited on the site stating:
    - 1. the nature of the materials;
    - 2. location from which the materials were imported;
    - 3. quantity of materials deposited from each such location; and
    - 4. the location on the site where the materials were deposited. The Township may perform, at the expense of the applicant, such reasonable tests on the material to ensure that the materials do not pose a threat to health, safety or welfare of the public.
  - r. Any other information deemed necessary by the Township to evaluate compliance of the CUP.
- (2) **Additional Meeting(s).** Following receipt of the Annual Report, the Ann Arbor Charter Township Board of Trustees may require additional reports, presentations and/or meetings with representatives of the CUP holder to review the Annual Report and to discuss any existing or anticipated issues associated with the extraction operation.
- (3) **Inspections.**
- a. **Inspections and Testing.** The Township, at the expense of the applicant paid from the escrow account, may conduct periodic inspections and cause or perform such tests as are reasonable to ensure the activities conducted on the site comply with the Ann Arbor Charter Township Mineral Mining Ordinance, other applicable ordinances, rules and regulations.
  - b. **Annual Inspection.**
    - 1. The Township Board of Trustees shall set an annual inspection date for the site. The Township Board of Trustees shall provide the applicant(s) written notice of an annual inspection at least fourteen (14) days before the annual inspection.

2. A representative from the applicant(s) may accompany the Township representatives on the annual inspection.
3. The Township shall take photographs of the site to establish a historic record of activities and changes on the site. The photographs shall be submitted to the Board of Trustees with a print to be submitted to the applicant. The photographs and prints shall be dated and signed by the person taking the photographs.
4. The Township, at the expense of the applicant to be paid from the escrow account, shall prepare a report to include the following:
  - i. An evaluation of the Annual Report submitted by the applicant,
  - ii. An evaluation of the site and operations in terms of its compliance with the conditional use permit, to include (but not limited to) conditions, base documents and reclamation plan, the Ann Arbor Charter Township Mineral Mining Ordinance and other applicable ordinances, rules and regulations;
  - iii. An evaluation of the water quality parameters, and
  - iv. Analysis and recommendation as to the appropriateness of the amount of the financial guarantees in light of the present circumstances. The report shall include the following:
    - (1) set forth any observed deviation from the base documents and non-compliance with a condition set forth in the permit,
    - (2) render an opinion whether the applicant is in compliance with the terms and provisions of the permit, Ann Arbor Charter Township Mineral Mining Ordinance, and other applicable ordinance, and
    - (3) make recommendations as deemed appropriate. The report shall be signed and dated by the person(s) preparing the report and submitted to the Board of Trustees, with a copy to the applicant.

**(h) RENEWAL**

The conditional use permit shall not be issued for a period to exceed five years from commencement date. Any extension of operations beyond that date shall require a new conditional use permit. Such renewal conditional use permit shall be processed as provided for in this Ordinance and may only be applied for upon proof by the applicant that restoration of areas that are no longer actively mined has begun. Applications for CUP Renewal shall include the same information required in 74-592a (d) and (g). To the extent such information was previously provided in complete form as part of an initial application, the previously submitted information

may be updated in the discretion of the Township. Applications for renewal of a conditional use permit shall be made not later than six months nor sooner than eighteen months prior to the expiration date of the current CUP.

**(i) FINANCIAL GUARANTEE AND INSURANCE**

**(1) Financial Guarantees.**

- a. **Guarantee Performance.** To ensure compliance with the provisions of the Ann Arbor Charter Township Mineral Mining Ordinance and the permit, to include (but not limited to) compliance with the systematic site reclamation, the applicant shall furnish a financial guarantee prior to the commencement of the extraction operation. The guarantee shall be set by the Township Board in an amount to cover applicant's obligations and contingencies under the permit and the Arbor Charter Township Mineral Mining Ordinance. The guarantee may be revised from time to time to reflect the amount necessary to cover the obligations and contingencies.
- b. **Form.** Guarantees shall be in the form of a letter of credit or surety bond payable to Ann Arbor Charter Township executed by the applicant and a reputable surety company. The letter of credit or surety bond must be issued by a corporate surety licensed to do business in the State of Michigan and rated AAA, as provided by the current Best's Key Rating Guide. Ann Arbor Charter Township must be named as obligee. The letter of credit or surety bond must be renewed at least sixty (60) days prior to its expiration. In the event the guarantee is not renewed within sixty (60) days of its expiration, the Township may make a demand on all or some of the guarantee. If a guarantee lapses, all excavation activities on the site shall immediately cease and full reclamation commence.

**(2) Site Insurance.**

Applicant shall provide a specific liability insurance policy of not less than Five Million Dollars (\$5,000,000.00) per incident for all liability claims arising out of the site issued by an insurer rated AAA, as provided by the current Best's Key Rating Guide. The adequacy of this amount shall be subject to yearly review by the Ann Arbor Charter Township Board of Trustee. The liability insurance shall be in an amount and form approved by the Ann Arbor Charter Township Board of Trustees, naming Ann Arbor Charter Township, its elected officials and appointed officials as additional named insureds and provide a copy of this policy to the Township Clerk. Said insurance shall provide an endorsement that provides that the general aggregate limit of the operations commercial and general liability applies separately to the site, and that Ann Arbor Charter Township shall be sent a notice of intent to cancel the insurance not less than thirty (30) days before the cancellation thereof. Failure of the operator, or any persons, firm or corporation named in the

policy to maintain the insurance shall cause immediate suspension of the conditional use permit.

**SECTION 3. SEVERABILITY.**

The provisions of this Ordinance are hereby declared to be severable and if any part is declared invalid for any reason by a court of competent jurisdiction it shall not affect the remainder of this Ordinance which shall continue in full force and effect.

**SECTION 4. REPEAL.**

All other ordinances or parts of ordinances in conflict with this ordinance are hereby repealed, but only to the extent to give this Ordinance full force and effect.

**SECTION 5. SAVINGS CLAUSE**

All proceedings pending and all rights and liabilities existing, acquired or incurred, at the time this ordinance takes effect, are hereby saved, and such proceedings may be consummated under and according to the ordinance in force at the time such proceedings are or were commenced. It is the legislative intent that this ordinance shall not be construed to alter, affect or abate any pending prosecution or enforcement action, or prevent prosecution or enforcement hereafter instituted under such repealed sections, for violations committed prior to the effective date of this ordinance; and all prosecutions or enforcement actions pending at the effective date of this ordinance, and all prosecutions or enforcement actions instituted after the effective date of this ordinance for violations that occurred prior to the effective date of this ordinance may be continued or instituted under and in accordance with the provisions of the ordinance in force at the time of the occurrence of such violation.

**SECTION 6. EFFECTIVE DATE.**

This Ordinance shall take effect upon publication as provided by law.

Motion By:

Second By:

YEAS:

NAYS:

Abstain:

Absent:

ORDINANCE DECLARED ADOPTED

CERTIFICATION

It is hereby certified that the foregoing Ordinance was adopted by the Township Board of Ann Arbor Charter Township, Washtenaw County, Michigan at a meeting of the Board duly called and held on \_\_\_\_\_, 2024.

ANN ARBOR CHARTER TOWNSHIP

By: \_\_\_\_\_  
Diane O'Connell, Supervisor

By: \_\_\_\_\_  
Rena Basch, Clerk

First Reading:  
Public Hearing:  
Planning Commission Recommendation:  
Approved by Board:  
Effective: \_\_\_\_\_, 2024 (7 days after publication)

**CHARTER TOWNSHIP OF ANN ARBOR  
WASHTENAW COUNTY, MICHIGAN  
RESOLUTION and ORDINANCE TO ADOPT AMENDMENTS TO SECTION 74-592  
“MINERAL MINING” TO REPEAL SECTION 74-592 AND ADOPT A NEW SECTION 74-592a  
DATE: OCTOBER 21, 2024**

Resolution and Ordinance adopted at a regular meeting of the Township Board of the Charter Township of Ann Arbor (the “Township”), Washtenaw County, Michigan, held at the Township Hall, 3792 Pontiac Trail, Ann Arbor, Michigan, on October 21, 2024, at 7:30 PM.

PRESENT:

ABSENT:

Motion by Trustee: \_\_\_\_\_ ; supported by Trustee: \_\_\_\_\_ .

**RECITALS**

A. The Michigan Zoning Enabling Act, MCL 125.3101 et seq. (“MZEA”) provides for the adoption and subsequent amendment of a Township’s Zoning Ordinance.

B. The MZEA provides for the recommendation of the Planning Commission on the adoption and amendment of the text of a zoning ordinance prior to adoption or amendment by the Township Board.

C. The MZEA requires that prior to the adoption of an amendment of a zoning ordinance, at least one public hearing be held on the ordinance or amendment. The Planning Commission held a public hearing on the proposed amendments to Section 74-592 of the Zoning Ordinance, attached hereto as Exhibit A (“Proposed Amendments”), which was duly noticed and held on September 5, 2024.

D. On September 16, 2024, the Township Board introduced the Proposed Amendments.

E. On September 19, 2024, the Planning Commission and the Township Board held a joint public meeting and workshop to consider the Proposed Amendments to Section 74-592 and heard and considered public comment regarding the same.

F. On October 7, 2024, the Planning Commission, having deemed it to be in the best interests of the health, safety and welfare of the Township for the Township Board to adopt the Proposed Amendments that repeal section 74-592 and adopt a new section 74-592a., adopted the Resolution attached as Exhibit B, recommending the Township Board adopt the Proposed Amendments.

G. Based on the foregoing, the Township Board takes the following action:

**RESOLUTION**

1. The Township Board hereby adopts the amendments to the Zoning Ordinance depicted in Exhibit A, to be effective upon the expiration of 7 days after publication as required by law.
2. All proceedings pending and all rights and liabilities existing, acquired or incurred, at the time the Proposed Amendments take effect, are intended to be saved, and such proceedings may be consummated under and according to the ordinance in force at the time such proceedings are or were commenced. It is the legislative intent that the Proposed Amendments shall not be construed

to alter, affect or abate any pending prosecution or enforcement action, or prevent prosecution or enforcement hereafter instituted under such repealed sections, for violations that occurred prior to the effective date of the Proposed Amendments; and all prosecutions or enforcement actions pending at the effective date of the Proposed Amendments, and all prosecutions or enforcement actions instituted after the effective date of the Proposed Amendments for violations that occurred prior to the effective date of the Proposed Amendments may be continued or instituted under and in accordance with the provisions of the ordinance in force at the time of the occurrence of such violation.

3. The Recitals above are incorporated herein by reference.

**RESOLUTION DECLARED ADOPTED**

AYES:  
NAYES:  
ABSTAIN:

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Diane O’Connell, Supervisor  
Charter Township of Ann Arbor

I certify that the foregoing is a true and complete copy of a resolution adopted by the Ann Arbor Charter Township Board of Trustees, County of Washtenaw, State of Michigan, at a regular meeting held on October 21, 2024 that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

Dated: \_\_\_\_\_, 2024

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Rena Basch, Clerk  
Charter Township of Ann Arbor

**EXHIBIT A**

**ADOPT AMENDMENTS TO SECTION 74-592 “MINERAL MINING” TO REPEAL SECTION  
74-592 AND ADOPT A NEW SECTION 74-592a**

**DATE: OCTOBER 21, 2024**

**EXHIBIT B**

**TO**

**CHARTER TOWNSHIP OF ANN ARBOR  
WASHTENAW COUNTY, MICHIGAN**

**RESOLUTION TO ADOPT AMENDMENTS TO SECTION 74-592 “MINERAL MINING” TO  
REPEAL SECTION 74-592 AND ADOPT A NEW SECTION 74-592a**

**DATE: OCTOBER 21, 2024**

**Jennifer Morris**

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**From:** ingwiemer@aol.com  
**Sent:** Thursday, September 19, 2024 10:37 AM  
**To:** Planning  
**Cc:** Lisa Lillelund  
**Subject:** Letter to AA Township Board of Trustees  
**Attachments:** AATWP MINING ORDINANCE FINAL.docx

Dear Board of Trustees: Please share this letter with Board Trustees and other pertinent parties. It is feedback regarding the Draft Mineral Mining Ordinance that will be worked on during tonight's workshop.

Sincerely,  
Ingrid Wiemer (847-372-0570)  
Lisa Lillelund (978-590-9212)

We are landowners of parcel directly across from current mine entrance on Earhart Rd.

CAUTION: This email originated from outside of Ann Arbor Charter Township. DO NOT click on links or open attachments unless you were expecting the email, recognize the sender, and know the content is safe.

Dear AA Township Board of Trustees:

September 19, 2024

We own the property that is directly across from the entrance of the mine on Earhart Rd. The property was originally settled by our Burlingame ancestors and our portion has been continuously owned by our family for 130 years. We are passionate about maintaining the health and vitality of the property.

We have reviewed the proposed amendments to the ordinance governing Conditional Use Permits (CUPs) for Mineral Mining. We are pleased to see comprehensive language related to dewatering, offsite discharge, data collection, and environmental impact analyses.

We are offering additional feedback for consideration in the following areas:

- **Noise Control Plan:** *Reference: pg. 28, (f) Specific Operating Conditions (16).* Document states truck traffic not to exceed 82dB in a single occurrence or 74dB based on average readings during operations.

The top threshold seems too high. Everyday examples of 80-82bB are akin to standing next to a garbage disposal, a lawnmower, or a food blender. The volume is distracting, makes conversations impossible, and auditorily harmful at sustained levels.

**Please consider lowering noise thresholds outside the mine's boundaries to a more acceptable level.**

- **Open Lands:** According to local building codes, residents in AATWP whose properties (like ours) are designated with certain zones (e.g., A-R, R-C) have to maintain a minimum of 65% of their properties as open lands. It seems the current mine (MMM) keeps expanding the footprint of their operations. They should have to adhere to the same open land standards that landowners do, yet there is no mention of this in this document.

**Please consider mandating that mine operations can only take up 35% of the land within their property boundaries.**

- **Access.** *Reference: pg. 27, (f) Specific Operating Conditions (4)* Document states there shall be no more than one access point from a public road to such lot for each 660 feet of front lot line.

During MMM's initial request for a CUP, our family strongly recommended the Township consider mandating a separate ingress and egress. Since MMM trucks and customer trucks use only one access point for entering and exiting, we have to

shoulder the burden of hearing vehicles twice as many times than if the entrance and exits were separated.

The encumbrance created by pounding axels, shrill braking and loose gravel and dust created by trucks could be minimized with separate driveways.

With regard to the economic impact on property values, allowing only one entrance/exit significantly devalues land that is adjacent to, or across from, a mine.

**Please consider mandating separate entrances and exits when conditions allow.**

- **Emissions and Airborne Pollutants:** We have witnessed trucks idling for almost a half an hour at the exit to the mine. Drivers appear to be filling out their logbooks and/or talking on their phones, possibly with dispatchers.

Diesel fuel releases harmful greenhouse gases, especially fine particulate matter that is harmful to the lungs. To our knowledge, there are no state or local laws that prohibit long-term idling. Additionally, a governmental agency would be ill-equipped to monitor operations in such a remote area. Therefore, mining companies should be required to impose anti-idling restrictions for their vehicles and those of their customers.

**Please consider language that disallows idling for periods in excess of five minutes, mandates companies monitor the situation and install signage specifying rules at all entrances and exits.**

The suggestions below may or may not be appropriate for the CUP document; however, we would like township decision makers to consider the following:

- **Noise and Pollution Reduction Strategies:**
  1. Lower speed limits for trucks on Earhart Rd. Personal vehicles and dump truck-type vehicles can have different speed laws. Reducing truck speed will reduce noise, diminish dust and debris that blows into surrounding vegetation and water, displace less gravel thus decreasing road surface erosion, and be safer for others using the roadway.

We realize that changing a speed limit requires collaboration among the county road commission, state police, and township board. We are hoping township representatives can submit a request for a speed limit evaluation study.

2. Encourage and/or incentivize large-scale commercial operations to use electric vehicles, including heavy-body trucks, and electric powered machinery whenever possible. This will reduce noise and hazardous environmental pollutants.

We would like to thank the Trustees, consultants, and committee members for their work thus far and for gathering input from residents and incorporating feedback where feasible. Your efforts are to be commended.

Sincerely,

Ingrid Wiemer and Lisa Wiemer Lillelund

# October 16, 2024 | Consultant Report

Ann Burke

## Completed Work

- Meeting with SEMCOG and MDOT to discuss Dixboro Trail Project and TAP (10.2)
- Received, discussed, and integrated feedback from Board of Trustees and personnel committee into community survey for communications (meetings 10.2 and 10.9)
- Collaborated with personnel committee to develop new content for October newsletter
- Meeting with supervisor to discuss next steps for grant (10.9)
- Collaborated with personnel committee to revise, edit, and finalize October newsletter to be distributed mid-October
- Collaborated with Climate Committee to design marketing postcard for community engagement event to be held in November

## In progress:

- Finalizing community engagement postcard to be distributed
- Drafting Letter of Intent for Ralph C. Wilson

## Next steps

- Finalize postcard design for distribution
- Continue drafting Ralph C. Wilson for initial supervisor review
- Collect and analyze data from survey responses; survey closes on November 15, 2024
- Create report and possible strategy implementation for communication with residents
- Schedule meeting with members of personnel committee to discuss next quarterly newsletter content

## Additional (long-term/ongoing) goals for communication:

- Establish a consistent communication schedule and strategy based on incoming survey data
- Continue to identify and apply for relevant grants through continued dialogue with organizations like SEMCOG as well as identifying needs/interests of township committees for grant projects
- Build connections with township committees to support their efforts via communication strategies
  - Revisit survey for township representatives and employees who may need assistance



## WBW Statement on US-23 & Washtenaw Ave.

The major MDOT projects planned on US-23 and Washtenaw Avenue between Ann Arbor and Ypsilanti provide an opportunity to re-envision transportation in this urban area. Walk Bike Washtenaw (WBW) supports implementing the ideas outlined below, which are pulled together from alternatives developed by MDOT and others. We appreciate MDOT's openness to public input.

MDOT has circulated documents describing these projects.

Regarding US-23:

<https://www.michigan.gov/mdot/projects-studies/studies/traffic-and-environmental-linkages-studies/us-23-improvement-project-study-ann-arbor>

Regarding Washtenaw Ave.:

<https://www.washtenawpel.com/>

These documents provide background for the project components outlined below that we support. For both projects, WBW supports the use, where appropriate, of green infrastructure practices (such as bioswales and vegetated strips), as described at:

<https://www.washtenaw.org/2897/Green-Infrastructure-Practices>

WBW would be happy to consult with MDOT during the planning and implementation of these projects.

### US-23 (I-94 to north of Earhart Rd.)

- Lanes -- Keep 2 travel lanes in each direction (as is currently planned).
- Hardened shoulder -- Build the outside shoulder with sufficient strength to accommodate possible future regional bus service, and create the needed state policy changes to allow such service.
- Crossings -- Accommodate bicyclists and pedestrians with safe crossings of US-23 at interchanges and other road crossings, with traffic signals where needed for safety at ramps. Build US-23 bridges over local roads with enough width to accommodate needed pedestrian, bicycle, and bus facilities, and during construction, maintain access for these modes to the extent possible.
- B2B interruption -- Mitigate the anticipated ~3-year interruption of B2B Trail continuity at US-23 by building a shared-use path (at least 10' wide) on the south side of Geddes Road between Huron Parkway and Earhart Road (less than 1 mile) to connect with the existing bridge and path (> 0.5 mile) across US-23 between Earhart Road and Dixboro Rd.
- Rail -- Preserve existing intercity Amtrak operations when the new US-23 bridge is built over the rail line. To facilitate possible future rail service improvements (e.g., greater Amtrak frequency, regional rail service in southeast Michigan, and international rail service between Chicago, Detroit, Toronto, and Montreal), consider reinstalling the second track on the Amtrak line when feasible from Ypsilanti at least to Ann Arbor and maybe to Chelsea. (Improved rail service might lighten pressure on US-23 & I-94, especially in view of planned and potential construction on these expressways. Double tracking already exists east of Ypsilanti.)

# Washtenaw Avenue

## Key points

Of MDOT's three current alternatives ("A", "C", and "D"), WBW prefers C if these are the only possibilities. Bus lanes are important, as is accommodation of cyclists and pedestrians. However, as detailed below:

- WBW supports bike lanes on the eastern stretch (Hewitt to Oakwood) provided that they are protected by curbs (or other hard materials) and bollards.
- We believe that additional improvements, such as medians and beautification, should be made on a long-term investment like this.

WBW supports the features outlined below.

## Common features on entire stretch (Carpenter to Oakwood)

- Vehicle lanes -- Maximum 11' to discourage speeding.
- Bike lanes (where applicable) -- Protected by curbs and bollards, rather than buffered by paint. At bus stops where bike lanes conflict with bus passenger boarding, bike lanes can go behind the boarding area ("floating bus stop"), with calming features (e.g., elevation change and/or pavement markings) to show priority for pedestrians crossing from the sidewalk to the stop.
- Buses -- More frequent bus service with signal priority and "queue-jump" lanes at selected intersections. Enhanced stops (e.g., pre-pay, level boarding, covered bike parking).
- Driveways -- Consolidated.
- Pedestrian crossings -- Islands and RRFBs except at signal-controlled intersections. Well lit, in accord with the latest roadway lighting recommendations in ANSI/IES RP-8-22. (See <https://blog.ansi.org/ansi-ies-rp-8-22-design-roadway-lighting/>.)
- Median -- Installed where feasible to reduce chaotic vehicle movements and allow beautification.

## Carpenter to Hewitt (western portion, ~1.75 miles)

Similar to MDOT's alternative C, with:

- The outside lane for buses and right-turning vehicles (for bus lanes to work, education of drivers and enforcement will be needed);
- ~12' shared-use paths having raised and marked or colored crossings of driveways, and possibly having features to reduce bike/pedestrian conflicts such as lane delineation and signage;
- Medians where feasible.

For reasons discussed in "Appendix 2: Discussion of bicycle alternatives," WBW supports shared-use paths on this segment rather than protected one-way on-street bike lanes and sidewalks separated from the street. The option of protected bike lanes, preferred by many cyclists, could be implemented as shown in "Appendix 1: Illustrative cross sections," which shows two possible treatments depending on drainage and the space within existing curbs.

## Hewitt to Oakwood (eastern portion, ~1 mile)

Similar to the features shared by all MDOT alternatives, subject to the following:

- Vehicle lanes -- 5-to-3-lane conversion with 1 left-turn lane (except where replaced by a median), 1 vehicle lane each way, and 1 one-way protected bike lane each way.
- Sidewalks -- Standard sidewalks on both sides separated from street.
- Bike lanes -- Protected by curbs and bollards, rather than buffered by paint.
- Drainage and curbs -- As now.

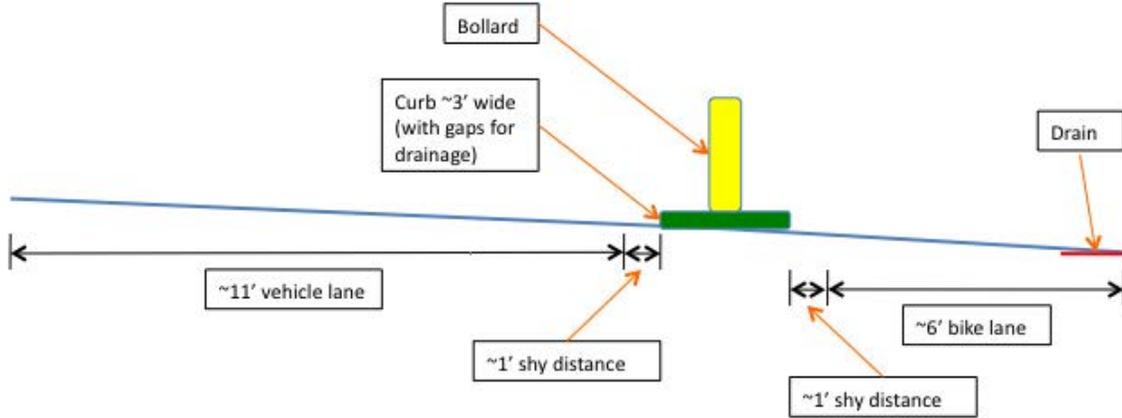
## Bike lane requirements

Any on-street bike lanes must be protected by curbs (or other hard materials) and bollards, rather than just paint, because of the volume and speed of vehicle traffic. (See "Appendix 1: Illustrative cross sections.") If it is not feasible to provide such protection on any stretch (e.g., for reasons of construction or maintenance), shared-use paths should be built instead.

## Appendix 1: Illustrative cross sections

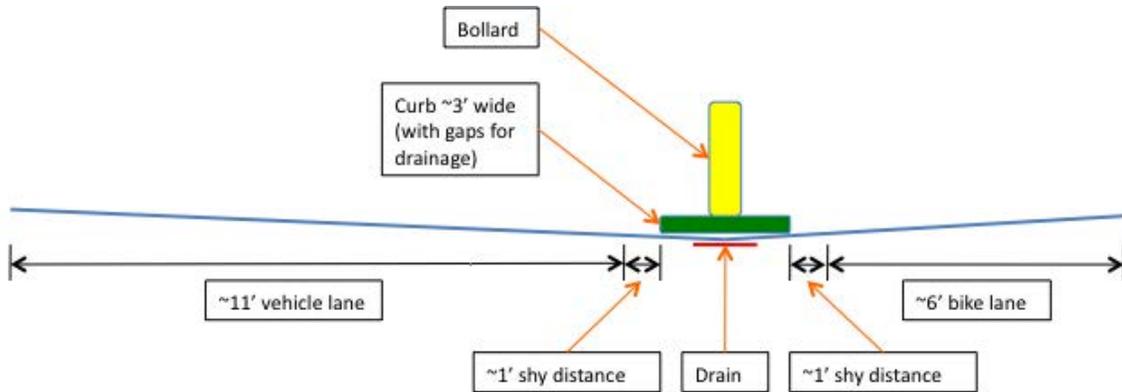
### Standard protected bike lane

Where there is room within curbs.  
(Pitch of lanes exaggerated for clarity.)



### Alternate drainage cross section

Where there is not room within existing curbs for standard protected bike lanes, and where it may be advantageous to use existing drains.  
(Pitch of lanes exaggerated for clarity.)



## Appendix 2: Discussion of bicycle alternatives

We've wrestled with the question of how best to accommodate bicyclists on Washtenaw between Carpenter and Hewitt: protected bike lanes or shared-use paths.

**More-experienced cyclists** tend to prefer a protected one-way bike lane on each side for these reasons:

- Safety -- Avoids conflicts at intersections with streets and driveways. Cycling on a shared-use path opposite the direction of traffic increases the risks.
- Pedestrians -- Avoids conflicts with pedestrians.
- Efficiency -- Allows fast cycling without the need for extreme caution at intersections.
- Sidepath maintenance -- Regular maintenance of sidepaths (as opposed to bike lanes), as well as winter maintenance, would probably depend on local governments. It is not clear whether such maintenance would be reliable.
- E-bikes -- Bicycles and scooters with electric assistance, even "Class 1" e-bikes that are typically allowed on shared-use paths, are problematic near pedestrians. And though faster "Class 2" and "Class 3" e-bikes are not typically allowed on shared-use paths, enforcement would be needed to prevent such use. And with enforcement, these bikes would have nowhere good to go if there are no bike lanes.

**Less-experienced cyclists**, and others concerned about the characteristics of Washtenaw, tend to prefer a shared-use path on each side separated from the road for these reasons:

- Vehicle speed on Washtenaw.
- Traffic volume on Washtenaw.
- Design options -- Suitable design can mitigate safety concerns.
- Bus stops -- Absence of bike lanes may make bus stops simpler by reducing the need for "floating bus stops."
- Crossing avoidance -- For some trips, a path may allow a cyclist to reach a destination without crossing Washtenaw.
- Attractiveness to would-be cyclists -- People who may like to bike but are uncomfortable about being near vehicles may avoid a bike lane. Infrastructure decisions should consider how to induce non-cyclists to cycle.

### Unknowns:

- Lane maintenance -- Winter maintenance of a protected bike lane requires suitable vehicles, and it is not clear whether and how such maintenance would be provided.
- Lane feasibility -- If a protected bike lane is regarded as impractical for maintenance reasons, a lane marked only by paint would be undesirable for many cyclists who would otherwise prefer a lane.
- Drainage -- It is not clear whether providing drainage for a protected bike lane would entail high costs (e.g., if curbs would need to be moved and drains relocated).

In weighing these issues and unknowns, we conclude that, based on the information we have available, a shared-use path on both sides of Washtenaw between Carpenter and Hewitt would be preferable to a protected bike lane on both sides.

**ANN ARBOR CHARTER TOWNSHIP**  
**FIRE DEPARTMENT**  
**SEPTEMBER 2024 - TOWNSHIP BOARD REPORT**





# Fire Department Activity Report for September 2024

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## **INCIDENTS:**

- Structure Fire 3
- Vehicle Fire 3
- Grass/Brush Fire 1
- Smoke Scare 3
- Fire Alarm 6
- Haz-Mat/Gas Leak/CO 3
- Hazardous Conditions 1
- Station Coverage 1
- EMS 44
- MVC w/injuries 9
- Vehicle vs Pedestrian 1
- PDC 10
- Canceled before Arriving 9
- Good Intent 12

The department responded to a total of 106 incidents during the period.

During the month of September, the Ann Arbor Township Fire Department provided mutual aid seventeen (17) times, and received mutual aid assistance two (2) times.

## **PAID-ON-CALL (POC) STAFF ACTIVITY:**

The department responded to 106 incidents during the month of September, and of those 106 incidents, paid-on-call staff responded to 80 incidents. This represents one or more paid-on-call firefighters responding to 75% of our dispatched incidents.

## **RECRUITMENT / RETENTION:**

The department currently has six remaining applicants for paid-on-call firefighter positions, with two of the six being given a conditional job offer. The remaining four applicants are in the final stages of the hiring process.

## **TRAINING / EVENTS:**

On September 30, fire department trainees attended the Ann Arbor Township Fire Department's EMT-Basic Academy. The following topics were presented:

- ❖ Introduction to Emergency Medical Care
- ❖ EMS System Operations

On September 3, fire personnel attended training. This training focused on hazardous materials incidents. Crews performed simulated decontamination operations in support of the Washtenaw County Hazardous Materials Response Team. Members additionally practiced mass decontamination methods.



On September 7, fire personnel that needed CPR initial training, or refresher training attended a CPR certification class.

On September 10, firefighters attended training. Training was conducted on forcible entry operations for roll up style doors. Members were instructed on the various techniques including cutting of the doors using rotary saws, and then were able to practice the techniques on garage doors.

On September 14, and 15, fire department staff that had not attended drivers training attended a State of Michigan Firefighter Training Council approved drivers training program. Day one consisted of classroom lectures, and written testing. Day 2 consisted of a fire apparatus driving practical skills session.

On September 17, fire department members attended training. Training was conducted on vehicle stabilization techniques. Crews were able to practice various stabilization techniques for vehicles found on their roofs, side, or on all wheels.



On September 17, 18, and 19, Lt. Mantay attended and successfully completed the Blue Card Incident Commander Certification Lab evaluation sessions.



**PURCHASE REQUEST:**

Please see the request to purchase needed roof repairs for Fire Station 2.

Respectfully Submitted,

**Mark A. Nicholai**

Fire Chief



# Memo

To: Ann Arbor Charter Township Board  
From: Mark Nicholai – Fire Chief  
Cc: N/A  
Date: October 17, 2024  
Re: Purchase Request – Station 2 Roof Repair

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Fire Station 2, roof is leaking in multiple spots. The roof was last replaced in approximately in 2008. Several contractors were contacted to determine the scope of the work, and to provide us with estimates for the necessary repairs. The work and the methods of completing the repairs needed were different from contractor to contractor. We received three quotes for the project:

- Watts Roofing \$86,300
- Single Ply Solutions \$84,300
- Performance Roofing and Siding \$79,100

After researching all the various scopes of the work, methods of repair, and the price quotes, we are recommending that the repair be made by Performance Roofing and Siding. The recommendation is based on several factors:

1. The roofing material manufacturer provides for a 20-year roof warranty once the roof is installed, and a manufacturer representative inspects and certifies the roof.
2. The recommended roofing material is not glued to the roof deck, it is essentially a “floating” roof system. This construction method reduces the likelihood of damage caused from roof expansion and contractions from normal heating and cooling.
3. The roof material is heavy duty 50-mils thick.
4. Peter Pace’s recommendation. Mr. Pace has experience with this roofing system and recommends this over other systems.

This work was not anticipated in 2024, and the project is not currently listed in the 2024 fire department budget. The quoted cost for the roof repairs is \$79,100. I recommend that the Board authorize Performance Roofing and Siding to complete the necessary repairs, in the amount not to exceed \$79,100. I would further recommend that this purchase be charged to line item 206-265-933.000 - Repair & Maintenance – Buildings.

*Mark A. Nicholai*

Fire Chief

# BUILDING REPORT

September 2024

Permit Record Type	Totals	Records	Revenue	Records	Revenue
Building		18	26,373	143	79,216
Electrical		9	1,258	129	26,685
Mechanical		17	11,246	125	30,121
Plumbing		7	880	43	7,782
ZONING-LAND USE		1	-	6	300
Fence Permit		1	60	9	480
Sign Permit		2	160	3	320
Special Event		-	-	13	1,100
<b>Total</b>		<b>55</b>	<b>39,987</b>	<b>471</b>	<b>146,003</b>

Building	Ann Arbor Township	Barton Hills
Ann Arbor Township	17	26,139
Barton Hills	1	234
<b>Total</b>	<b>18</b>	<b>26,373</b>

Electrical	Ann Arbor Township	Barton Hills
Ann Arbor Township	8	1,166
Barton Hills	1	102
<b>Total</b>	<b>9</b>	<b>1,268</b>

Mechanical	Ann Arbor Township	Barton Hills
Ann Arbor Township	15	10,991
Barton Hills	2	255
<b>Total</b>	<b>17</b>	<b>11,246</b>

Plumbing	Ann Arbor Township	Barton Hills
Ann Arbor Township	6	790
Barton Hills	1	90
<b>Total</b>	<b>7</b>	<b>880</b>

**ZONING-LAND USE**

ZONING-LAND USE	Ann Arbor Township	Barton Hills
Ann Arbor Township	1	-
Barton Hills	-	-
<b>Total</b>	<b>1</b>	<b>-</b>

**Fence Permit**

Fence Permit	Ann Arbor Township	Barton Hills
Ann Arbor Township	1	60
Barton Hills	-	-
<b>Total</b>	<b>1</b>	<b>60</b>

**Sign Permit**

Sign Permit	Ann Arbor Township	Barton Hills
Ann Arbor Township	2	160
Barton Hills	-	-
<b>Total</b>	<b>2</b>	<b>160</b>

**Special Event**

Special Event	Ann Arbor Township	Barton Hills
Ann Arbor Township	-	-
Barton Hills	-	-
<b>Total</b>	<b>-</b>	<b>-</b>

Total	Records	Revenue
55	39,987	146,003