



AGENDA

CHARTER TOWNSHIP OF
MERIDIAN
TOWNSHIP BOARD
REGULAR MEETING
August 4, 2015
6:00 P.M.



1. CALL MEETING TO ORDER⁺
2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS
3. ROLL CALL
4. PRESENTATION
 - A. Haslett Clock Appreciation – Sam Medawar and Nick Vlahakis
5. PUBLIC REMARKS*
6. ANNUAL TOWN HALL MEETING
7. CATA PRESENTATION
8. BOARD COMMENTS & REPORTS
9. APPROVAL OF AGENDA
10. CONSENT AGENDA (SALMON)
 - A. Communications
 - B. Minutes – July 21, 2015 Regular Meeting
 - C. Bills
 - D. Ratification of Police Officer Appointment
11. QUESTIONS FOR THE ATTORNEY
12. HEARINGS (CANARY)
 - A. Newton Road Paving, Special Assessment District No. 43
13. ACTION ITEMS (PINK)

**Public Comment

 - A. Final Plat #05012 (Eyde) Georgetown No. 3, 55 Single Family Lots Located East of Powell Road and South of Tihart Road
 - B. Amendments to the Freedom of Information Act (FOIA) Procedures and Guidelines
 - C. Budget Amendment to Reallocate Cable TV Funds for Audio Engineering Project
 - D. Greater Lansing Taxi Authority
14. BOARD DISCUSSION ITEMS (ORCHID)

**Public Comment

 - A. Newton Road Paving, Special Assessment District No. 43
 - B. Daniels Drain Improvements
 - C. Township Manager Performance Review
15. PUBLIC REMARKS*
16. FINAL BOARD MEMBER COMMENT
17. ADJOURNMENT
18. POSTSCRIPT – RONALD STYKA

*PUBLIC REMARKS (Any topic - 3 minutes per person)

**PUBLIC COMMENT (Agenda item specific - 3 minutes per person)

*Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Board by writing or calling the following:
Township Manager Frank L. Walsh, 5151 Marsh Road, Okemos, MI 48864-1198 (517-853-4258) – Ten Day Notice is Required.*

Meridian Charter Township: 5151 Marsh Road, Okemos, MI 48864-1198, (517) 853-4000 Township Hall Room; www.meridian.mi.us

⁺ Appointment of President Pro Tem and/or Temporary Clerk if necessary

Meridian Township exists to create a sustainable community through the most effective use of available resources that achieve the highest quality of life.

TOWNSHIP BOARD REGULAR MEETING COMMUNICATIONS, AUGUST 4, 2015

- (1) Board Deliberations (BD)
 - BD 13B Clerk Dreyfus; RE: Response to email from Trustee Wilson concerning proposed amendment to previously approved Freedom of Information Act (FOIA) Policies and Guidelines

- (2) Board Information (BI)
 - BI-1 JoAnn Render, 5250 Bear Lake Drive, East Lansing; RE: Question for the Citizen Survey
 - BI-2 Gaylord N. Smith, 1733 South Crystal Cove, Haslett; RE: Request to construct sidewalks on the east side of Marsh Road from Lake Street to Mack Avenue
 - BI-3 Diane Griffiths, Administrator, Orion Community Cable Communications Commission, Village of Lake Orion-Charter Township of Lake Orion, 1349 Joslyn Road, Lake Orion; RE: Appreciation for Meridian Township taking the lead in the audit of AT&T
 - BI-4 DeShaun Snead, 5448 Okemos Road, East Lansing; RE: Request for safe sidewalks on Okemos Road
 - BI-5 Angela Safferman, 1991 Cameron Oaks, Haslett; RE: Okemos Road Boardwalk
 - BI-6 Ernie Schaefer, Campus Village Communities, 919 West University Drive, Rochester; RE: The Avenue on Grand River
 - BI-7 Anne Readett, 1737 Country View, Okemos; RE: Central Park Master Plan Input Session Hours
 - BI-8 John P. Gardner, Senior Manager, External Affairs, Comcast, Heartland Region, 1401 E. Miller Road, Lansing; RE: Changes to Comcast's channel lineup effective September 9, 2015

- (3) Commission Linkage (CL)
 - CL-1 Planning Commission Chair John Scott-Craig; RE: Request for the Planning Commission to take up Zoning Amendment #14010 (Medical Marijuana)

- (4) Regional Linkage (RL)
 - RL-1 State Senator Curtis Hertel, Jr., 23rd District, PO Box 30036, Lansing; RE: Correction of Hertel Coffee Hours date to Wednesday, July 29, 2015 at Blondies, beginning at 9:00 AM

- (5) Staff Communication (SC)
 - SC-1 Community Planning and Development Director Mark Kieselbach; RE: Article from www.plannersweb.com, titled "Strengthening the Planning Commission-Governing Body Relationship"

- (6) On File in the Clerk's Office (OF)

Material handed out at the July 7, 2015 Board Meeting

 - Neil Bowlby, President, Liaison for Inter-Neighborhood Cooperation (LINC), PO Box 40, Okemos; RE: Public Hearing for Mixed Use Planned Unit Development #15014
 - Neil Story, 3537 Ponderosa Drive, Okemos; RE: Ember Oaks Planned Residential Development (PRD) #15-97015
 - Brad Strader, LSL Planning, 306 S. Washington Avenue, Suite 400, Royal Oak; RE: Comments on The Avenue proposed to be located on Grand River
 - Duff Schroeder, Schroeder Homes, 4665 Dobie Road, Suite 130, Okemos; RE: Request to Amend the Ember Oaks PRD Sketch Plan
 - Treasurer Brixie; RE: *Lansing State Journal* news article titled, "Fewer Global Students at MSU"

Material submitted at the July 7, 2015 Board Meeting

Planning Commissioner Tom Deits; Graph depicting the most voted topics which came out of the May 21, 2015 Master Plan Public Input Meeting

Material handed out at the July 21, 2015 Board Meeting

Petition signed by residents of Ponderosa Estates in opposition to the connection of Forsberg Drive to Ember Oaks

Nick and Dana Gavrilides, 3627 Stagecoach Drive, Okemos; RE: Planned Residential Development #15-97015 (SP Investments LP)

Material submitted at the July 21, 2015 Board Meeting

Kevin and Sherry Wehrle, 3616 Stagecoach Drive, Okemos; RE: Planned Residential Development #15-97015 (SP Investments LP)

13B

**CLERK'S OFFICE
BOARD COMMUNICATIONS
AUGUST 4, 2015**

Board Deliberations (BD)

Sandy Otto

From: Brett Dreyfus
Sent: Friday, July 31, 2015 4:25 PM
To: Angie Wilson
Cc: Elizabeth Ann LeGoff; Ronald Styka; Milton Scales; John Veenstra; Julie Brixie; Frank Walsh; Sandy Otto
Subject: RE: FOIA questions for August 4 agenda

Dear Trustee Wilson:

The three questions you pose in your email to the Clerk regarding Meridian Township Freedom of Information Act (FOIA) policies are administrative in nature and therefore inappropriate to bring before the Township Board. It is unwise to use valuable Board deliberation time, along with consuming staff time and resources, to provide a Board member with background information on a particular topic at a Township Board meeting when your questions and suggestions could have been addressed during the normal business week.

Best practices with respect to a Board member seeking clarification of some policy or procedure is to first discuss questions with staff or a Department Director before bringing the matter to the full Board. At previous Board meetings, other Board members have been informed that administrative issues should not be brought before the public body unless the issues and concerns are substantive in nature or have not been adequately addressed by staff.

In that regard, on July 13th I sent an email offering you an opportunity to meet with me or chat via email to answer questions you may have about the FOIA policies, since you were absent at the June 16th meeting when FOIA policies were discussed.

Dear Trustee Wilson –

At the July 7, 2015 Board meeting, you mentioned that you had a comment or suggestion regarding Meridian Township's FOIA Procedures & Guidelines. The policies approved by the Board at the June 16th meeting included authorizing the Township Clerk – who serves as the FOIA Coordinator – to make appropriate modifications to the policies and administrative rules as necessary and subsequently informing the Board of such changes. That administrative provision is standard language in FOIA policies being adopted by townships across Michigan.

I am interested in hearing your comment or suggestion regarding our Township's FOIA Procedures.

Please either call me or drop me an email. I would be happy to listen to you and welcome your input.

Brett Dreyfus
Meridian Township Clerk

You responded two days later to my invitation to meet by stating that “you would like to sit down with me sometime soon” to have a FOIA discussion. I replied that my schedule was flexible and I would be available to meet with you next week.

Subsequently, I received an email from you dated July 24th (attached). Your motive(s) for not meeting with me remain unclear, as your questions and suggestions might have already been resolved if you had met with me during the week.

With respect to your suggested "amendment:" what you are proposing is not a policy amendment or substantive issue, but rather simple wordsmithing and stylistic changes in sentence layout. Calling it an amendment appears to be an attempt to justify bringing personal questions and opinions of an administrative nature before the Board.

A final note of caution: you copied your email of July 24th to all Board members. Legal counsel advised Board members to exercise discretion when using email as a vehicle to offer commentary or recommendations regarding issues to be deliberated at a Township Board meeting, due to Open Meetings Act requirements. Your reason for emailing all Board members is also unclear.

Every Board members needs to be respectful of our limited public deliberation time and not bring administrative issues to a Board meeting.

Respectfully,

Brett Dreyfus

Meridian Township Clerk

Charter Township of Meridian

5151 Marsh Road • Okemos, MI • 48864

DIRECT LINE: (517) 853-4324

dreyfus@meridian.mi.us • www.meridian.mi.us

*"Building an environmentally & economically
sustainable community!"*

From: Angie Wilson
Sent: Friday, July 24, 2015 9:02 AM
To: Brett Dreyfus
Cc: Frank Walsh; Sandy Otto; Elizabeth Ann LeGoff; Julie Brixie; Ronald Styka; Milton Scales; John Veenstra
Subject: FOIA questions for August 4 agenda

Good Morning Brett,

As promised, I am forwarding the questions that I have for the FOIA item that is scheduled to be on our next meeting agenda. This is the same courtesy I try to give to all our Dept. Directors when I know I will have a specific question at the meeting. I feel this allows Directors to be prepared to answer the question, saves time and helps our meetings and discussion be more productive for us, staff and the citizens. I am also including the amendment to the newly adopted Board Policy I will be proposing.

I feel the appropriate venue is the board meeting for this discussion, so I am not asking for, nor am I expecting, answers to these questions until the Board Meeting on August 4. I thank you for your request to meet with me about my FOIA questions. If you still would like to meet, please let me know what your availability is next week and I am positive we can find a time to talk.

I am also requesting that this email be included with Board Communications in the consent agenda for the August 4 meeting. In that light, I am CC'ing Sandy Otto so that she can include it in the packet.

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FOIA on next agenda

I would like to make the following amendments:

1. ***Toward that last part of the first sentence of Section 2 make an amendment to Replace "must do so in writing." with "may do so by submitting the request on the Township's FOIA Request Form, in any other form of writing (letter, fax, email, etc.), or by verbal request."***

This amendment makes the language of the rest of the document cohesive in that there are multiple ways to make a FOIA request, including verbal requests. This is also the suggested language in the MTA template.

Questions

1. Does the rate structure under the FOIA act differ from the township's previous practice? If so, how?
2. Has the new law changed the timeline of the processing of the requests? If so, how?
3. Are there documents that the Clerk's office has identified as being available at a reduced fee or at no charge? If so, which ones?

Section 6: Waiver of Fees:

The cost of the search for and copying of a public record may be waived or reduced if in the sole judgment of the FOIA Coordinator a waiver or reduced fee is in the public interest because it can be considered as primarily benefitting the general public. The Township Board may identify specific records or types of records it deems should be made available for no charge or at a reduced cost.

4. Please consider modifying the request form to make it simpler. The current request form is 2 pages long and requires the requester to sign and date in 5 different places. I understand that these are the template forms provided by MTA, however, our neighboring municipalities are using shorter, simpler FOIA request forms. These forms can be accessed on the municipality Clerk's pages, (The exception is Delta Township which also uses the MTA template forms). I understand that internal forms used by departments are not something that the Board directs, and I am not suggesting, nor do I want, the Board to overstep those bounds. However, I do feel that a simpler document will make requesting information less confusing and intimidating and that is why I ask you to consider this request.

I hope you have a great weekend and I will see you on August 4 if not before.

Best,

Angie Wilson

Angie Wilson
Trustee, Meridian Township
5151 Marsh Rd.
Okemos, MI 48864
517-898-1373

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**CLERK'S OFFICE
BOARD COMMUNICATIONS
AUGUST 4, 2015**

Board Information (BI)

Sandy Otto

From: JoAnn Render <renderj@msu.edu>
Sent: Sunday, July 19, 2015 10:44 PM
To: Board
Subject: question for citizen survey

Hello,

Would it be possible to add a question about community solar to the upcoming citizen survey? It would be useful to gauge interest among township residents. I believe that Consumers Energy is still considering selecting a site in Meridian Township for their new Solar Gardens pilot (<http://www.consumersenergy.com/solargardens>). Documenting a widespread interest may encourage them to pursue a site here. In addition, including it in the survey may help inform residents about this program.

Thank you for considering my request.

JoAnn Render
5250 Bear Lake Dr.

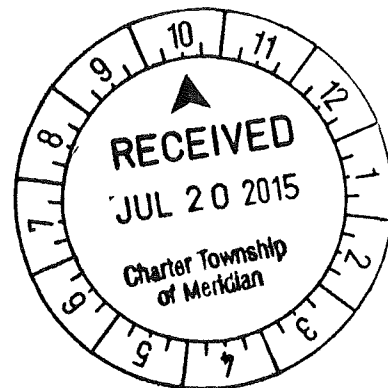
AUG 04 2015

BI-1

AUG 04 2015

July 16, 2015

Elizabeth LeGoff, Meridian Charter Township Supervisor
and Meridian Charter Township Trustees
5151 Marsh Road
Okemos MI 48864



I am writing to you about a safety issue. Marsh Road has sidewalks on the east side for its complete length except for a .25 mile section from Lake Street (northern terminus) to Mack Avenue. Anyone wanting to walk or bike or run north of Lake Street on the east side of Marsh Road must scoot cross 4 lanes of the busy highway to continue on the west side of the street and then must cross it again at Mack Avenue to continue north. One must move pretty quickly to traverse Marsh Road anywhere north of Lake Lansing Park South.

With activity growth at the north end of Marsh Road in recent years, the time has come to construct east-side sidewalks from Lake Street to Mack Avenue before some sort of terrible accident occurs.

What sort of activity growth has taken place on the east side? Northport of Meridian condo development has 50 units that are all now built and sold. They are occupied by predominantly fifty-year olds on up, many of whom walk for exercise. That's where I live. I walk, run, and bicycle for exercise and am not afraid to use Mack Avenue or cross Marsh to get to the west side. Many residents, including my wife, walk as far south as Mack Avenue but then turn around. She will not bicycle because of having to cross Marsh Road or use Mack Avenue.

Further north on Marsh Road is Bath Township. There is a new day care center, Gilden Woods. It may have outdoor activities that include walks or bike rides on Marsh Road in Meridian. Next to the day care center is a vacant lot that is zoned commercial. Someday that property will be developed and may have pedestrian needs.

Behind that is a large subdivision named Meadowbrook which is in the Haslett school district. It is chock full of young families and still building homes. I see parents and school children out all the time walking and on bicycles. But when they go south on Marsh Road, they must either cross the 4 lanes, turn around at Mack Avenue, or cut through to Lake Street.

I also frequently see northbound bicyclists and walkers on Marsh Road crossing at Mack Avenue from the west side to the east side and going on to the MSU Federal Credit Union or McDonalds or Speedway.

Filling in the gap in the sidewalk on the east side of Marsh Road would help solve this important safety issue. It would allow east side users to travel north and south without having to cross to the west side and then back again. It would allow users on the west side to cross to the east side at traffic lights before travelling north without interruption. It would also help enhance Meridian's well-deserved reputation as a "green community." Residents of this township really enjoy the use of and support for sidewalks in their community.

Sincerely,

Gaylord N. Smith
1733 South Crystal Cove
Haslett MI 48840

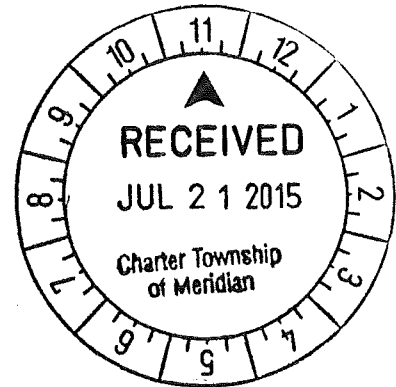
AUG 04 2015

p.s. I am not a relative of Gaylord C. Smith (of street name fame) although I did meet him once.

BI-2

AUG 04 2015

Orion Community Cable Communications Commission
Village of Lake Orion – Charter Township of Orion
1349 Joslyn Road
Lake Orion, Michigan 48360
(248) 393-0147




July 14, 2015

Deborah Guthrie
Communications Director
Meridian Township
5151 Marsh Road
Okemos, Michigan 48864-1198

Dear Deborah,

On behalf of the Orion Cable Commission, I would like to thank you for taking the lead in the audit of AT&T. This is probably not something we would have done on our own, so we appreciate all that you did to make this happen. We received our check from AT&T last week. Thank you!

Sincerely,
Orion Community Cable Communications Commission


Diane Griffiths
Administrator

AUG 04 2015

BI-3

AUG 04 2015

Sandy Otto

From: DeShaun <dsnead@gmail.com>
Sent: Thursday, July 23, 2015 9:55 AM
To: Board
Subject: Okemos Road sidewalk/walkway
Attachments: Sidewalk 2.2 6-30-15.doc; ATT00001.htm

As a resident I would really like to see a safe sidewalk for pedestrians traveling on Okemos Road.
Thank you!
DeShaun Snead

AUG 04 2015

BI-4

AUG 04 2015

Sandy Otto

From: angela safferman <angelasafferman@hotmail.com>
Sent: Tuesday, July 21, 2015 10:47 AM
To: Board
Subject: Okemos Road Boardwalk

To Meridian Township Board:

As a resident of Cameron Oaks, just off Okemos Road, I enjoy living along the walking/bike path which my family and I use often. I would also like to be able to bike or walk along Okemos Road south of my home but do not feel it is safe to do so due to the absence of a sidewalk, the narrowness of the road and the large amount of traffic on the road. While driving on Okemos Road I often must cross the center line to pass bicyclists and pedestrians walking along the edge of the road.

I strongly support the construction of a board walk to complete the gap in the sidewalk on Okemos Road just south of the entrance to Nancy Moore Park. I believe this board walk fits the designation of Meridian Township as a pedestrian and bike friendly community and that it will increase the safety of pedestrians, bikers and motorists along this section of Okemos Road.

In my opinion, the completion of a boardwalk along Okemos Road, south of Nancy Moore Park, is a pressing safety need that should be moved to the top of the list of priorities for Meridian Township in 2016.

Thank you for your consideration.

Angela Safferman
1991 Cameron Oaks
Haslett, MI 48840
517-803-1421

AUG 04 2015

BI-5

AUG 04 2015

Brett Dreyfus

From: Ernie Schaefer <Schaefer.Ernie@campusvillage.com>
Sent: Thursday, July 23, 2015 1:24 PM
To: Julie Brixie; Brett Dreyfus; Elizabeth Ann LeGoff; Milton Scales; Ronald Styka; John Veenstra; awilson1073@gmail.com
Cc: Frank Walsh; Mark Kieselbach; Greg Schaefer; Jdgaber@wwrplaw.com; Mark Clouse (clouse@eyde.com); Jeff Kyes (jkyes@kebs.com)
Subject: The Avenue on Grand River

To: Meridian Township Board;

I just wanted to take a few minutes to thank each of you and the Meridian Township staff for your thoughtful consideration of our project "The Avenue on Grand River" at last Tuesday's board meeting. Although the approval process was rigorous and at times very challenging, I have to agree with several of you who noted that because of the process, we have indeed ended up with a better project. The process and the considerable communications, meeting, emails, etc. have all led to a better result. We recognize the challenge of satisfying all conflicting parties and interests associated with a project of this magnitude, but I am confident your diligent scrutiny of our project optimized it for the township. We are excited to becoming an active member of Meridian Township and look forward to a long and satisfying relationship.

I also want to commend the Meridian Township staff for their assistance and professionalism during our project approval cycle. From day one they were always ready to help and assist us as we moved through the process. They never once complained about our endless questions, design errors, and last minute submissions. Through the course of this project we interfaced with many township employees and found every one of them to be friendly, professional, and ready to assist with our project. I will unequivocally state that one of the tremendous assets you have as a township is the great people you have behind the scenes making things happen.

Thanks again for your support!

Ernie Schaefer
Campus Village Communities
248 609 0401

This communication may contain confidential or privileged information. Unauthorized use of this communication is strictly prohibited and may be unlawful. If you have received this communication in error, please immediately notify the sender by reply e-mail and destroy all copies of the communication and any attachments.

AUG 0 4 2015

BI-6

AUG 0 4 2015

Sandy Otto

From: Areadett <areadett@gmail.com>
Sent: Saturday, July 25, 2015 4:11 PM
To: LuAnn Maisner; Board
Subject: Central Park input sessions: great idea but why no evening hours?

The notice in our local paper indicates the public will have an opportunity to provide input on improvements to Central Park. While the opportunity is wonderful, I ask why is this limited only to standard work hours? For most people this means the only way to participate will be to take time off from work.

I would hope the township board is ensuring that for major things like this a variety of hours are offered for people to participate. Or perhaps an ability to comment via email or other channels. Right now this leaves me out. And it potentially severely limits the ability for township residents to share their thoughts.

I am an active cyclist and use this park as a gateway to regular Wednesday night group rides. The pathway is wonderful and could be even better (it needs directional signage).

It also surprised me that the township website provides no email addresses for the park commission members (or anyone else on a board or commission). I serve on a variety of boards and my email is listed on those websites.

Anne Readett
1737 Country View
Okemos
Areadett@gmail.com

Sent from my iPad

AUG 0 4 2015

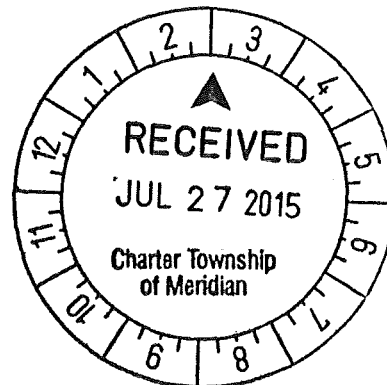
BI-7

AUG 0 4 2015



July 22, 2015

Ms. Deborah Guthrie, Cable Coordinator
Meridian Township
5151 Marsh Road
Okemos, MI 48864



Dear Ms. Guthrie:

As part of Comcast's commitment to keep you informed about important developments that affect our customers in your community, I am writing to notify you of some changes to the channel lineup. Customers are being notified of these changes via bill message.

Effective September 9, 2015, CSPAN2 (channel 104) will no longer be available on Limited Basic service. CSPAN2 will be available with Digital Starter or higher level of service.

Also, effective on or about September 10, 2015, Jewelry TV will be available with our Limited Basic tier.

As always, feel free to contact me directly at 517-334-5686 with any questions you may have

Sincerely,

John P. Gardner
Senior Manager, External Affairs
Comcast, Heartland Region
1401 E. Miller Rd.
Lansing, MI 48911

AUG 04 2015

BI-8

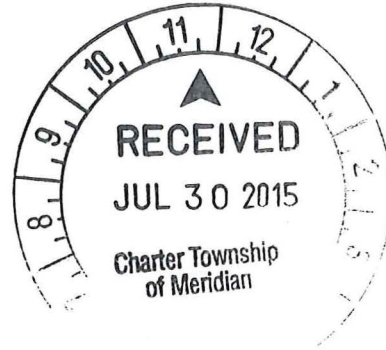
AUG 04 2015

July 27, 2015

Meridian Township Board

5151 Marsh Rd

Okemos, MI



Richard Harrington

820 Piper Rd

Haslett, MI

Dear Board Members,

This is art. Art is an expressive medium that engenders feelings. As such it is a kind of language and falls under the protection of the 1st Amendment of our Constitution.

Not all art communicates with the popular culture; it is true, I think, that the best art is a servant of art itself, and is reserved, quiet and spiritual.

However, at times, the artist becomes a declarative voice in the culture, often disruptive, to put forth the age-demanded image, which acts to restore balance. For example, the artist may turn away from precious materials and use trash, stuff which is useless to power, and draw the lesson that only those who can efficiently use up the material and human resources of the culture, who are good at salvage, are fit to govern.

As a practicing sculptor, I wish to use the small field before my studio/home as a sketchbook for ideas; some to remain, some to be studied, transformed, taken down, others to serve as conceptual models for larger public projections. In the making of new visual art, there is often a process of trial and error, necessarily conducted before the judging eyes.

Most powerful, vibrant cultures support a wide range of arts, but that is indifferent to me. Only do not persecute and abridge the free expression of the artist, who is, after all, non-violent, bringing happiness, hope, and sublimity to the heart of a people.

Relax in the arts,

Rx H653 artist

Cc: State Senator Curtis Hertel Jr.

State Representative Sam Singh

AUG 04 2015

BI-9

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AUG 0 4 2015

CHARTER TOWNSHIP OF MERIDIAN

Elizabeth Ann LeGoff Supervisor
Brett Dreyfus Clerk
Julie Brixie Treasurer
Frank L. Walsh Manager



Milton L. Scales Trustee
Ronald J. Styka Trustee
John Veenstra Trustee
Angela Wilson Trustee

July 21, 2015

HARRINGTON, RICHARD A
820 PIPER
HASLETT, MI 48840

RE: NUISANCE ORDINANCE VIOLATION AT 820 PIPER, HASLETT MI 48840
Parcel # 33-02-02-13-100-030

Dear Property Owner:

A violation of Section 46-2 of the Township Nuisance Ordinance has been found at the property located at the above address.

The violation to the nuisance code is as follows:

Section 46-2 NUISANCE VIOLATION - (PLYWOOD AROUND UTILITY POLE AND US FLAG ATTACHED TO UTILITY POLE)

Said nuisance must be corrected within ten (10) days of the date of this notice. Please be advised that you may request a hearing regarding the violation. However, a request for such a hearing must be made within ten (10) days of receipt of this notice.

If said nuisance is not repaired, torn down, abated, or otherwise removed, or a hearing requested within the ten (10) day period, the Township will correct the nuisance and will charge the cost of correcting the nuisance to the person(s) responsible for the nuisance. If the charge is not paid within 30 days of the date of the statement, said expense incurred by the Township in abating the nuisance will be assessed against the land(s) on which the expenditures are made and will be collected in the same manner as other taxes are collected.

The Township may also issue to the person(s) responsible for the violation a municipal civil infraction violation notice, subject to a payment of a civil fine of \$75.00.

We appreciate your cooperation in this matter. Please call (517) 853-4554 with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve McGuire", is written over a horizontal line.

Steve McGuire, Code Enforcement Officer (517) 853-4554
Code Enforcement Division
Community Planning and Development

5151 MARSH ROAD, OKEMOS, MICHIGAN 48864-1198 (517) 853-4000

www.meridian.mi.us



AUG 04 2015

BI-9

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AUG 04 2015

**CLERK'S OFFICE
BOARD COMMUNICATIONS
AUGUST 4, 2015**

Commission Linkage (CL)

Sandy Otto

From: John Scott-Craig <scottcra@msu.edu>
Sent: Wednesday, July 29, 2015 2:38 PM
To: Elizabeth Ann LeGoff
Cc: Board; Frank Walsh; Mark Kieselbach; Gail Oranchak
Subject: Request for the Planning Commission to take up Zoning Amendment #14010 Medical Marihuana
Attachments: Letter from Supervisor LeGoff re MM Zoning Amendment 7-27-15.pdf

29 July 2015

Elizabeth LeGoff, Supervisor
Meridian Township Board
Meridian Charter Township
5151 Marsh Road
Okemos, MI 48864

Dear Elizabeth,

I received your letter of July 23, 2015 (attached) on Monday July 27th and immediately shared it with all members of the Planning Commission. We took up this issue at our Work Session that evening and agreed that on the need to move forward. As I recall from discussion at the Board Meeting on Tuesday July 21, 2015 it is the intention of the Board to hold a Public Hearing so despite the fact that some 17 months have passed since the Planning Commission held a Public Hearing on this Zoning Amendment at our February 10, 2014 meeting we will not have to repeat that part of the process.

The one concern raised at the Planning Commission Work Session was the desirability of obtaining an opinion from the township legal counsel on this Zoning Amendment. A quick search of the Township Ordinances reveals that neither the word "marihuana" nor "marijuana"

is currently present in that document so this will apparently be the initial step in regulation of this substance that remains a Schedule I Drug under the Federal Controlled Substances Act. If the township has already obtained a legal opinion I would ask you to share it with the members of the Planning Commission. if no opinion has been obtained, attorney Chris Patterson, a member of the Fahey Law Firm, has written several articles in the firm's Township Law E-letter series (one example:

<http://www.fsbrlaw.com/Portals/fsbr/Files/Township-E-Letters/2013%20March%20Township%20Law%20E-Letter.pdf>) and would seem a logical choice to review Zoning Amendment #14010.

The Planning Commission intends to take up consideration of Zoning Amendment #14010 at the earliest possible time but I have been advised by the Planning Department staff that our two August meetings have very full agendas (we expect to hold five Public Hearings at our meeting on August 24th).

The matter has been tentatively scheduled to be voted on at our meeting on Monday September 7, 2015.

Please let me know if the arrangements outlined above are satisfactory.

My very best regards,
John

John Scott-Craig, Chair
Meridian Charter Township Planning Commission scottcra@msu.edu

AUG 04 2015

CL-1

AUG 04 2015

CHARTER TOWNSHIP OF MERIDIAN

Elizabeth Ann LeGoff Supervisor
Brett Dreyfus Clerk
Julie Brixie Treasurer
Frank L. Walsh Manager



Milton L. Scales
Ronald J. Styka
John Veenstra
Angela Wilson

Trustee
Trustee
Trustee
Trustee

July 23, 2015

John Scott-Craig, Chair
Planning Commission

RE: Zoning Amendment #14010 Medical Marihuana

Dear John,

Approximately 21 months ago the Township Board referred Zoning Amendment #14010 to establish definitions and standards for the medical use of marihuana to the Planning Commission. The Board understands the Planning Commission held a public hearing on the Amendment in February 2014 but took no action. On behalf of the Township Board I am requesting the Planning Commission to complete its review of the amendment and make a recommendation.

The Board would like to thank the Planning Commission for its effort regarding this matter and to have your recommendation as soon as possible.

Sincerely,

A handwritten signature in cursive script that reads "Elizabeth Ann LeGoff".

Elizabeth Ann LeGoff
Township Supervisor

cc: Township Board
 Frank L. Walsh

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**CLERK'S OFFICE
BOARD COMMUNICATIONS
AUGUST 4, 2015**

Regional Linkage (RL)

Sandy Otto

From: The Office of Senator Hertel <SenCHertel@senate.michigan.gov>
Sent: Monday, July 27, 2015 8:57 AM
To: Board
Subject: Hertel Coffee Hours

Dear Board Member,

I apologize for any confusion on the date of my coffee hours. The correct day is Wednesday, 29th. Still at 9 am at Blondie's

Thank you for your patience, and I hope to see you there.

Curtis Hertel, Jr.
State Senator
District 23

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**CLERK'S OFFICE
BOARD COMMUNICATIONS
AUGUST 4, 2015**

Staff Communications (SC)

Special Feature

Strengthening the Planning Commission – Governing Body Relationship

October 21st, 2014

Summary:

One of the most important relationships in the "planning universe" is that between the governing body and the planning commission.



We wanted to hear back from our survey respondents on what they've done -- or think they should do -- to improve the relationship between the two bodies. Here's what we asked in two related questions:

Please list up to three things that have been done in your community to help strengthen the relationship between your planning commission and governing body.

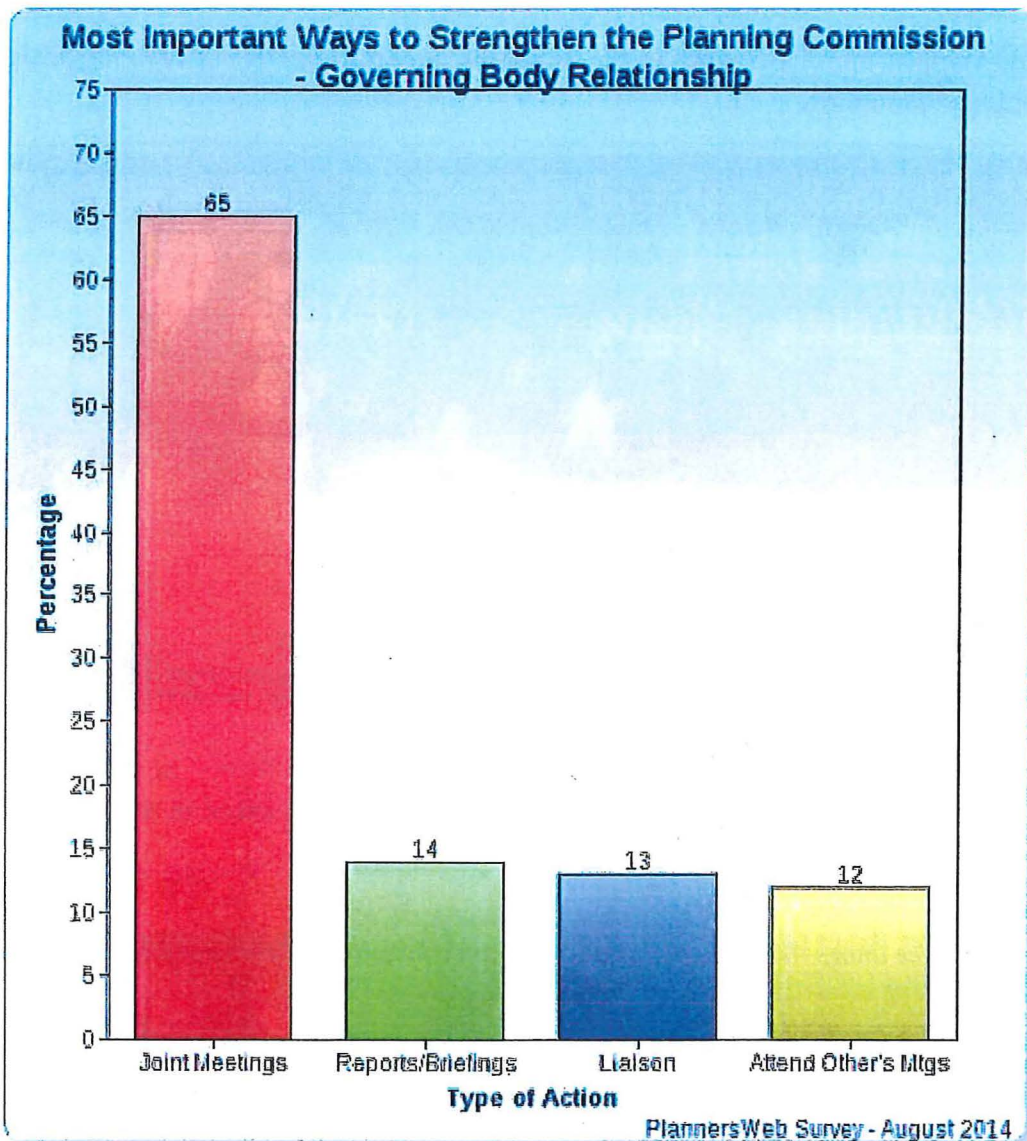
If there was one thing that could be done to most improve the relationship between your planning commission and governing body, what would that be?

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We received replies from 225 individuals. As with our other open-ended questions, we found that most replies could be grouped into several categories: SC-1

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1. Joint Meetings. This was by far the most frequently mentioned suggestion. 146 of our 225 respondents (65 percent) mentioned it as either something they were already doing (106) or that they thought they should be doing (40). What's more, 22 of those who said they were already holding joint meetings said they should have more of them.
2. Reports & Briefings. Thirty-two individuals indicated that they had used reports or briefings as a way of improving the connection between the planning board and governing body.
3. Liaison. Comments from 29 individuals reported that using liaisons between the two bodies had helped strengthen their relationship.
4. Attending Each Other's Meetings. Twenty-seven people recommended that planning commissioners attend governing body meetings and vice-versa.



Percentage of respondents who mentioned each type of action as one of their suggestions.

There were several other groupings of comments, which we'll also mention below.

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Details on What We Heard:

1. Joint Meetings

As we noted, 65 percent of our respondents noted they were already holding joint meetings between the planning commission and governing body. This was by far the most frequent response to our question about ways of strengthening the planning commission - governing body relationship.

Many of the replies were similar to these: "hold joint work sessions," "annual joint meeting," "city council retreats with commission," "joint meetings to get issues on the table," and "visit sites together."

A Kansas planning commissioner noted that commissioners and governing body members had taken "tours together" and held an "annual recognition dinner," while a California planner said they "conduct an annual joint tour of the city to see how the codes are working. Conduct an annual joint tour of the city to see how the codes are working."

A planner from Washington wrote that their commission and governing body held joint retreats in order to "clarify roles and responsibilities."

As noted earlier, 22 of those who said they were already holding joint meetings commented on the value of having them more often. Several individuals who said their planning commission had annual joint meetings felt it would be better to have several each year.

2. Reports & Briefings

All told, 32 individuals mentioned that preparing reports, providing briefings, or sharing minutes and agendas served as a way of strengthening the relationship between the governing body and planning commission.

Most comments were similar to the following: "Planning Commission Chairman provides annual report to Village Board," "Review minutes of each others meetings," "Provide reports to both boards on activities," and "Staff presentations to the governing body."

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3. Liaison

A number of communities appear to have either a city council member, the mayor, or someone else serve as a liaison with the planning commission, as 29 of our respondents mentioned this as a way they've strengthened the relationship between their community's governing body and planning board.

Most comments were like these: "Liaison city councilor attends planning commission meetings and reports to City Council on deliberations and discussions," and "One County Commissioner is assigned as liaison to the County Planning Commission." Several comments mentioned that their liaison is a voting member of the planning commission.

4. Attending Each Others Meetings

The 27 comments we placed in this category overlap slightly with the role of a liaison. But we felt these comments were sufficiently distinct, as they related to a less formal role or approach than when there is a designated liaison.

Members of the governing body attend many planning commission meetings. For example, a California planning commissioner noted that in their community "each Council meeting has a commissioner assigned to attend and take notes," while a planning commissioner from Delaware replied that "members of the governing body attend many planning commission meetings." Similarly, a Virginia planning commissioner said that the "Planning Commission chair (me) often attends Council work sessions."

An Idaho planner made an important distinction in writing that governing body members attend "planning workshops, not public hearings."

Other Comments:

We received a wide assortment of additional suggestions. In looking through them, we did notice several groupings of related comments.

Informal, Personal Contacts

Thirteen comments mentioned the importance of informal contacts, connections, or networking between planning commissioners and governing body members.

Among the comments: "I personally talk with at least one of the Council once every two weeks," "constructive informal communications between PC Chair and Elected board Chair," "personal relationships with mayor and council members," and "meet informally one on one." Meet informally one on one.

However, perhaps the ultimate in informal communications we heard about: "My husband is a member of the governing body! :)" [emphasis and emoticon in original].

Former Planning Commission Members Serving on Governing Body

We heard from seven individuals who noted that having former planning commissioners serving on the governing body, or as mayor, can strengthen the relationship between the two bodies.

Many members of the planning commission have become members of the governing body.

For example, a Michigan planning

commissioner noted that the former Vice Chair of their Planning Commission "was elected to City Council and is now Mayor," while a Missouri planning commissioner wrote that "many members of the planning commission have become members of the governing body ... they know how the process works and what the objectives are."

Mutual Respect

Four individuals mentioned the importance of mutual respect or trust as important to the commission-governing body relationship.

As a Kansas planner wrote, "Establish a high degree of trust."

Role of Appointment Process

Interestingly, three comments noted the importance of appointing planning commissioners as a way of strengthening the commission-governing body relationship.

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For example, a Virginia planner wrote "careful selection of new Planning Commission members." It makes sense that governing bodies that take more care when deciding who to appoint to the commission may well end up with a stronger connection to the commission.

Broadcasting Meetings

We already noted that several comments mentioned the value of sharing meeting minutes. Another way -- noted in three comments -- for governing body members to keep track of what the planning commission is focusing on (and vice-versa) is by watching the other body's meetings.

Comprehensive Plan Process

Three comments also pointed out that the comprehensive planning process can provide a good way of strengthening the link between governing bodies and planning commissions.

As an individual from Pennsylvania who has served as a planning commissioner and elected official noted, "There is constant interaction between staff, elected and appointed officials during meetings of our comp plan committees."



Staff's Role

Several individuals pointed to the role that staff plays in fostering communications between planning commissions and governing bodies.

An Ohio planner noted that they held "monthly meetings with staff and Commission Chair and Council Rep," while a planner from Iowa said, "Staff acts as the go between when one board or the other has questions for the other board ... educates the planning commission and governing body on current issues, and provides opportunities to go to training together."

... And Don't Forget

One final way of strengthening the planning commission - governing body relationship we had to make note of: "Make sure the governing body looks good," a Rhode Island planner noted.

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Editor's Note: Want to read more about ways of improving the relationship between the planning commission and governing body, see:

- "Working Effectively With Elected Officials," by Elaine Cogan
- "Linking Elected Officials With Planning," by Michael Chandler
- "Town Councils and Planning Boards: A Challenging Relationship," by Pamela Plumb

and if you're a planning commissioner thinking -- perhaps -- of running for a seat on the governing body, or other office, take a look at Otis White's "Should You Run?"

Coming Next: Improving Planning Commission Effectiveness

Tags: Being Effective, Local Governing Body, Miscellany

Printed From: <http://plannersweb.com/2014/10/strengthening-planning-commission-governing-body-relations/>

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PROPOSED BOARD MINUTES

PROPOSED MOTION:

Move to approve and ratify the minutes of the July 21, 2015 Regular Meeting as submitted.

ALTERNATE MOTION:

Move to approve and ratify the minutes of the July 21, 2015 Regular Meeting with the following amendment(s): [insert amendments].

**AUGUST 4, 2015
REGULAR MEETING**

CHARTER TOWNSHIP OF MERIDIAN
TOWNSHIP BOARD REGULAR MEETING - DRAFT -
5151 Marsh Road, Okemos, MI 48864-1198
853-4000, Town Hall Room
TUESDAY, JULY 21, 2015 6:00 P.M.

PRESENT: Supervisor LeGoff, Clerk Dreyfus, Treasurer Brixie, Trustees Scales, Styka, Veenstra, Wilson
ABSENT: None
STAFF: Township Manager Frank Walsh, Assistant Township Manager/Director of Public Works Derek Perry, Director of Community Planning & Development Mark Kieselbach, Police Chief David Hall, Fire Chief Fred Cowper, Director of Information Technology Stephen Gebes, Human Resources Director Joyce Marx, Communication Director Deborah Guthrie, Parks & Recreation Director LuAnn Maisner, Finance Director Gretchen Gomolka

1. CALL MEETING TO ORDER
Supervisor LeGoff called the meeting to order at 6:00 P.M.
2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS
Supervisor LeGoff led the Pledge of Allegiance.
3. ROLL CALL
The secretary called the roll of the Board.
4. PUBLIC REMARKS
Supervisor LeGoff opened Public Remarks.

Neil Bowlby 6020 Beechwood Dr, Okemos, spoke to Freedom of Information Act (FOIA) documents discussed at a previous Board meeting. He believed documents were missing in the last Board packet and on the Township website. Mr. Bowlby announced an electronic “adopt a hydrant” program is being utilized in Boston to dig out hydrants during significant snow storms. He suggested this “app” principle be applied to Meridian Township’s storm drain system during heavy rain events. Mr. Bowlby addressed the total number of beds in the current configuration of The Avenue, believing that number lends itself specifically to student housing.

Neil Story, 3537 Ponderosa Drive, Okemos, offered his rationale as to why the applicant is requesting an amendment v. an extension for PRD #15-97015 (Ember Oaks). He showed the applicant’s letter dated March 14th on the overhead which primarily addressed the change in the road.

Leonard Provencher, 5824 Buena Parkway, Haslett, expressed concern with the amount of time (3 months) the non-motorized pathway in front of the approved Aldi project has been closed to the public. He suggested a policy be created to address interruptions in the Township’s pathway system and that they be kept to a minimum and repaired as soon as possible. Mr. Provencher offered comments on the Comcast press release titled “Comcast Increases Internet Speeds in Michigan.”

Supervisor LeGoff closed Public Remarks.

5. PRESENTATION OF 2015 GOALS & OBJECTIVES (SIX MONTH REVIEW)
Township Manager Walsh offered a Powerpoint presentation update on the 2015 Goals and Objectives as follows:
 - New central fire station
 - Continued deer management program, including chronic wasting disease (CWD)
 - Cleaning of 85,000 feet of sewer main and televised 71,000 feet of sewer lines
 - Continued provision of shared police services to Williamstown Township

- Cash payment for a new ambulance
- Cash payments for new patrol vehicles
- Completion of Okemos Road Pathway Bridge with no debt
- Development of Phase 1 of Towner Road Park
- Development of a new Master Plan for Central Park
- Support from Eagle Scouts for park projects
- Improvements to various parks within the Township
- Finalization of franchise agreement with Comcast which includes over \$1 million in new revenue for the Communications Department
- Payroll brought back in house for a savings of \$35,000
- Replacement of the Towar Lift Station
- Replacement of the Service Center roof
- Work on securing funding for five (5) projects in the Township through use of funds from the county wide trail funding millage
- Update to the Township Hall Room
- Redevelopment of the Meridian Area Resource Center (MARC)/closed central fire station property
- Continued focus on the Douglas J Project in the downtown Okemos area
- Promotion of local businesses (Doggy Day Care, Meridian Mall expansion)
- Completion of the 2005 Master Plan update
- Sustaining and enhancing the General Fund Balance (\$5.9 million)
- Possible Celebrate Meridian Event next year
- Continued enrichment of cultural diversity
- Support to enhance the Harris Nature Center
- Possible expansion of the Farmers Market
- Meridian Garden Club activity within the Township
- Continued provision of recreational services to the City of Williamston
- Manager's blog and the *Meridian Monitor* as communication pieces for the Township
- Work on the 2015 Citizen Survey to commence in the near future
- Overhaul of the Township website
- Staff handling of 672 code enforcement complaints in the first half of 2015
- Continued sidewalk repair program (Section 9 – Everett Woods and Everett Farms neighborhoods)
- Continued funding for community gardens

Board and staff discussion:

- Appreciation for the overview to enhance public awareness
- Assistance of Parks & Recreation Department to younger scouts in their community projects
- Over 1,200 Parks & Recreation volunteers contributed 35,000 hours of support
- Board member suggestion to exercise caution in “taking away” anything from the Celebrate Downtown Okemos Event
- Board member preference to establish a separate Township wide event
- Need to address the unfunded pension liability
- Suggestion to create a five (5) year plan to make additional contributions to the MERS fund
- Appreciation that the Township made a \$1 million “advance” payment to the MERS fund as MERS provides a better rate of return than the Township can obtain
- Board member suggestion to fund more Capital Improvements Program (CIP) projects given the low rate of return on the Township's fund balance (less than the rate of inflation)
- Board member belief the Township could maintain less than the “arbitrarily established” \$5.25 million general fund balance (more than 3 months of reserve)
- Appreciation to the Manager and Township staff for a job well done

6. BOARD COMMENTS & REPORTS

Clerk Dreyfus corrected misinformation offered by Citizen Bowlby regarding availability of FOIA documents.

He stated the two documents promised to Board members were the Meridian Township FOIA policies and the Foster Swift Law Firm PowerPoint presentation, and both documents were emailed to all Board members more than two weeks ago. Clerk Dreyfus noted all FOIA documents and forms were posted on the Township website on the July 1st implementation date, and no relevant document was missing from the website. He indicated the PowerPoint presentation was not posted on the website because the Foster Swift Law Firm owns the presentation (not the Township) and the Township does not have permission to post material from other organizations on our website. Clerk Dreyfus believed the website is not an appropriate place to post “background information” on an issue or policy, as it would lead to content overload and other website technical issues. He pointed out the old FOIA request form was included in the current Board packet, and was puzzled as to the reason so much attention was being focused on a simple, outdated form which contained virtually no information to review or compare. Clerk Dreyfus assured Meridian Township citizens that they can access every document and form needed to initiate a FOIA public record request on the Clerk’s section of the Township website.

Clerk Dreyfus addressed the contest held last year by the Land Policy Institute of Michigan State University for the “missing middle”, an old phrase which refers to alternative/affordable housing (e.g., duplexes, fourplexes, bungalow court, mansion apartments, live/work units, courtyard apartments, etc.) built from the 1900s through the 1940s. Clerk Dreyfus noted alternative/affordable housing is now being brought up by some Board members as a significant issue, suggesting additional information on urban design can be obtained by visiting www.landpolicy.msu.edu and clicking on the link for “missing middle.” He highlighted a recent news article with the headline “Michigan Cities Gearing Up for Fight with Utilities over LED Streetlights”, which noted the Michigan Public Service Commission is reviewing a request by DTE Energy to raise rates for LED streetlights and lower rates for high pressure sodium fixtures. He stated the city of Ann Arbor is advocating for cities and municipalities to own, operate and maintain their own LED streetlights as a long term cost effective measure. Clerk Dreyfus suggested the Township consider researching the cost of operating Township streetlights, the cost of conversion and whether there would be long term cost savings if the Township maintained its LED streetlights.

Trustee Veenstra commented on a letter contained in the Board packet from neighbors who supported allowing the McCurdy’s to maintain goats at 5458 Okemos Road, believing the McCurdy’s should be able to keep their goats at that property.

Director Kieselbach offered information on the McCurdy property, noting the subject parcel was rezoned to RAAA in 1994 while McCurdy did not purchase the property until 2010. He stated Mr. McCurdy could request a rezoning to RR to address keeping goats on his land.

7. APPROVAL OF AGENDA

Trustee Scales moved to approve the agenda as submitted. Seconded by Treasurer Brixie.

VOICE VOTE: Motion carried unanimously.

8. CONSENT AGENDA

Supervisor LeGoff reviewed the consent agenda.

Trustee Styka moved to adopt the Consent Agenda. Seconded by Treasurer Brixie.

ROLL CALL VOTE: YEAS: Trustees Styka, Scales, Veenstra, Wilson, Supervisor LeGoff,
Treasurer Brixie, Clerk Dreyfus

NAYS: None

Motion carried unanimously.

A. Communications

Trustee Styka moved that the communications be received and placed on file, and any communications not already assigned for disposition be referred to the Township Manager or Supervisor for follow-up. Seconded by Treasurer Brixie.

ROLL CALL VOTE: YEAS: Trustees Styka, Scales, Veenstra, Wilson, Supervisor LeGoff,
 Treasurer Brixie, Clerk Dreyfus
 NAYS: None
 Motion carried unanimously.

B. Minutes

Trustee Styka moved to approve and ratify the minutes of the July 7, 2015 Regular Meeting as submitted. Seconded by Treasurer Brixie.

ROLL CALL VOTE: YEAS: Trustees Styka, Scales, Veenstra, Wilson, Supervisor LeGoff,
 Treasurer Brixie, Clerk Dreyfus
 NAYS: None
 Motion carried unanimously.

C. Bills

Trustee Styka moved that the Township Board approve the Manager's Bills as follows:

| | |
|--------------------------|--------------------------|
| Common Cash | \$ 674,696.05 |
| Public Works | \$ 328,027.81 |
| Total Checks | \$1,002,723.86 |
| Credit Card Transactions | \$ 10,105.11 |
| Total Purchases | <u>\$1,012,828.97</u> |
| ACH Payments | <u>\$ 427,068.58</u> |

Seconded by Treasurer Brixie.

ROLL CALL VOTE: YEAS: Trustees Styka, Scales, Veenstra, Wilson, Supervisor LeGoff,
 Treasurer Brixie, Clerk Dreyfus
 NAYS: None
 Motion carried unanimously.

(Bill list in Official Minute Book)

D. Disposal of Surplus Vehicles

Trustee Styka move to approve the sale of the following surplus Township vehicle at public auction, internet auction, or by sealed bid:

| | | |
|------|---------------|---------------------------|
| 2003 | Ford Taurus | VIN No. 1FAHP53UX3G207264 |
| 2006 | Ford Explorer | VIN No. 1FMEU72E36UB11733 |

Seconded by Treasurer Brixie.

ROLL CALL VOTE: YEAS: Trustees Styka, Scales, Veenstra, Wilson, Supervisor LeGoff,
 Treasurer Brixie, Clerk Dreyfus
 NAYS: None
 Motion carried unanimously.

9. QUESTIONS FOR THE ATTORNEY (None)

10. HEARINGS (None)

11. ACTION ITEMS

Supervisor LeGoff opened Public Remarks.

Neil Bowlby, 6020 Beechwood Drive, Haslett, inquired if the roofline was more than 45 feet for The Avenue. He critiqued several changes proposed by the applicant for MUPUD #15014.

John Gaber, attorney for Campus Village Development, 380 N. Old Woodward, Suite 300, Birmingham, delineated all changes made by the applicant as a result of Board input at the last Board meeting.

Supervisor LeGoff closed Public Remarks.

A. Mixed Use Planned Unit Development #15014 (Campus Village Development) 2655 Grand River Avenue

Trustee Wilson moved [and read into the record] NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby approves Mixed Use Planned Unit Development (MUPUD) #15014, subject to the following conditions:

1. **The recommendation for approval is based on the Cover Sheet, Utility Plan, and Amenities Plan, prepared by KEBS, Inc., dated July 16, 2015, and building elevations prepared by Progressive AE, dated May 27, 2015, subject to revisions as required.**
2. **MUPUD #15014 (Campus Village Communities), a request to establish a mixed use planned unit development with the existing retail building and ten new buildings, consisting of mixed use and residential buildings, with a total of 192 one, two, three, and four bedroom apartment units, shall be contingent on the approval of Special Use Permit (SUP) #15051 (Campus Village Development).**
3. **Approval is subject to one or more amenities. The applicant proposes the following amenities as identified on the Amenities Plan (Sheet 5): LED lighting; site recycling of trash; relocate transit stop to front of the property; foot and bicycle pathways connecting to the Township pathway system; covered bicycle storage on site; fitness park as public recreation; dog park; outdoor pocket parks; seating plazas visible to the street; private courtyards; public internet; public internet-bus stop; underground utilities; upper floor balconies; sidewalk planters; public art; and consolidation of multiple parcels into one.**
4. **Waivers shall be granted for those sections of the Code of Ordinances as follows: Impervious surface coverage (Section 86-402(17)); setback for a dwelling unit from the railroad right-of-way (Section 86-470); street trees (Section 86-473); loading/unloading space (Section 86-721(b)); number of parking spaces (Section 86-755); and interior canopy trees and interior landscaping (Section 86-758).**
5. **The property owner shall be responsible for the on-going maintenance of the dog park.**
6. **The applicant shall construct the pathway as part of the project, as shown on the site plan, subject to the approval of the Director of Public Works and Engineering. The applicant shall provide an easement for the entire length of the pathway in a form acceptable to the Director of Public Works and Engineering. Once approved, the easement shall be recorded.**
7. **Any future building additions or expansions to the buildings will require modification to the MUPUD #15014 and SUP #15051.**

8. **Building materials should include, but are not limited to, wood, brick, clapboards, glass, and stone. Other materials, such as vinyl, aluminum, and other metals should be avoided. The character and quality of the building materials and general architectural design of the buildings shall be consistent on all four sides of each building.**
9. **The final building elevations and building materials shall be subject to the approval of the Director of Community Planning and Development.**
10. **The west side of the Salvation Army building shall be covered with brick surfacing that is consistent with the existing and proposed building materials. The building materials shall be subject to the approval of the Director of Community Planning and Development.**
11. **Unless the building elevations are revised, the applicant will be required to receive a variance from the Zoning Board of Appeals for non-compliance with Section 86-440(f)(2)b.2., stating, "Buildings greater than 50 feet in width shall be divided into increments of no more than 50 feet through articulation of the façade."**
12. **Windows shall cover no less than 50 percent of nonresidential street level facades.**
13. **No more than two unrelated persons may occupy the one and two bedroom units and no more than one person may occupy each bedroom in the three and four bedroom units.**
14. **All utility service distribution lines should be installed underground.**
15. **The final design of the two recycling enclosures shall be subject to the approval of the Director of Community Planning and Development.**
16. **Site accessories such as railings, benches, trash and recycling receptacles, exterior lighting fixtures, and bicycle racks shall be of commercial quality, and complement the building design and style. Final design and location shall be subject to the approval of the Director of Community Planning and Development.**
17. **Landscaping shall generally comply with the provisions of the Code of Ordinances, including the mixed use planned unit development standards as outlined in Section 86-440(f)(4) and other applicable sections of the Ordinance pertaining to landscaping.**
18. **Site and building lighting shall comply with Article VII in Chapter 38 of the Code of Ordinances and shall be subject to the approval of the Director of Community Planning and Development, including the height of any new parking lot light poles.**
19. **A final sign program shall be submitted as part of site plan review and shall be subject to the review and approval of the Director of Community Planning and Development.**
20. **All mechanical, heating, ventilation, air conditioning, and similar systems shall be screened from view by an opaque structure or landscape material (if at street level) selected to complement the building. Such screening is subject to approval by the Director of Community Planning and Development.**

21. **The applicant shall obtain all necessary permits, licenses, and approvals from the Michigan Department of Transportation, Ingham County Drain Commissioner, and the Township. Copies of all permits and approval letters shall be submitted to the Department of Community Planning and Development.**
22. **The utility, grading, and storm drainage plans for the site shall be subject to the approval of the Director of Public Works and Engineering and shall be completed in accordance with the Township Engineering Design and Construction Standards.**
23. **A copy of the site plan information that exists in a computer format for the development project and construction plans shall be provided to the Township Engineering staff in an AutoCAD compatible format.**

Seconded by Trustee Styka.

Board, staff and applicant discussion:

- Appreciation to the developer for addressing concerns expressed by the Planning Commission and Township Board through each phase of the process
- Appreciation for including low to mid income level units and access for mobility challenged and handicap individuals who desire to live in Meridian Township
- Appreciation for the applicant's incorporation of interior and exterior LED lighting
- Onsite retention of storm water
- Concern with the waiver being requested in the required amount of interior canopy trees/interior landscaping
- Board can grant the waiver for interior canopy trees/interior landscaping through the MUPUD process

Trustee Veenstra offered the following friendly amendment:

- **Amend condition #2 after "MUPUD #15014 (Campus Village" by deleting "Communities" and inserting "Development"**

The friendly amendment was accepted by the maker of the main motion.

Continued Board and applicant discussion:

- Concern with the waiver being requested in the required amount of interior canopy trees/interior landscaping
- Board can grant a waiver for the required interior canopy trees/interior landscaping through use of the MUPUD process
- Applicant does not need the waiver for street trees as stated in condition #4
- Applicant statement the condition previously numbered as #18 (minimum of nine (9) street trees provided along the frontage of the site...) which was taken out can be added back into the motion

Trustee Wilson moved to amend her motion to incorporate the previous condition #18 as condition #24. The amendment was accepted by the seconder.

Trustee Scales offered the following friendly amendment:

- **Amend condition #4 by deleting "street trees (Section 86-473);"**

The friendly amendment was accepted by the maker of the main motion.

Continued Board, staff and applicant discussion:

- Amenities being offered by the applicant are "trade offs" for requested waivers
- Applicant's belief the parking requirements do not accurately reflect the parking needs of the site given the amount of one and two bedroom units
- Number of offered bicycle parking spaces (325) reduces the required parking spaces by 65

- A mixed use development will eliminate trips on Grand River Avenue, thereby reducing the parking needs
- Retail component on the site services the need of the residential component, for a calculated reduction of 59 parking spaces
- Number of spaces requested is based upon the proposed layout and requiring additional islands and canopy trees would eliminate some of the parking spaces
- The ordinance requires each island (200 square feet) to hold two (2) canopy trees and one (1) canopy tree for every ten (10) parking spaces
- New landscape plan will be submitted by the applicant which will delineate the specific number of trees
- Eight foot pathway to be constructed will require removal of existing trees
- The developer will finish the common wall on the west side of the building which currently houses the Salvation Army with brick surfacing to be consistent with other building materials
- Applicant is purchasing the entire site and will become the owner
- Enforcement of bedroom occupancy requirement through the rental program which focuses on occupancy through annual inspections
- Proposed development must be registered as a rental project
- Board member concern with the long list of waivers
- Board member belief the upper floor balconies do not qualify as an amenity
- Elevator in the first building to provide access to ADA apartments on the 2nd, 3rd or 4th floors in Block 1
- Block 1 contains the retail component on the first floor
- Project is a good use of this site
- Appreciation for the cooperation of the developer through this long process
- Board member appreciation for several public amenities
- Proposed project fills the housing needs for young professionals and young families
- Proposed project is walkable and bicycle oriented
- Board member statement it could be five (5) to ten (10) years before the BRT comes to fruition
- Appreciation for providing a recycling center for the tenants
- Waivers requested list the areas of difficulty with the proposed project
- Board member belief the original intent of the MUPUD ordinance is not being followed in this project
- Board member belief the problems and concerns associated with the project are directly linked to a misapplication of the size parameters of the MUPUD
- Board member belief the existing commercial properties and current associated parking should not be included in the MUPUD site plan unless significant redevelopment is being proposed for those components
- Board member belief the project would be a good fit on the subject site if Block 3 was removed from the current design
- Removal of the existing commercial and associated parking within the MUPUD would result in less land upon which to build the MUPUD and provide increased dwelling units per acre given the density bonus
- Suggested removal of the existing commercial and associate parking would likely result in no waivers needed
- Removal of Building 3 would decrease the percentage of impervious surface
- MUPUD ordinance is meant to “involve” commercial redevelopment of an area or include only new commercial development
- Suggestion for the Board to revisit the MUPUD ordinance as part of its 2016 Goals and Objectives
- Request for staff to read the original intent of the MUPUD as noted in the Township’s code of ordinances

- Board member belief the MUPUD ordinance was written for future development to have a better type of development which makes for more efficient use of land
- Parking lot on the western edge will change from its current configuration and be resurfaced
- Parking lot area in the center portion of the site will have new islands with new trees
- Applicant commitment to save existing trees if feasible with possible relocation as appropriate
- Pathway on the south side of the property does not exist and is currently not on the Pathway Master Plan, but is referred to as a pathway in the resolution
- Intent is to place the pathway on the south side of the property on the Master Plan and have it as a part of the Township pathway system
- Easement is not an amenity, but a request from the Capital Area Transportation Authority (CATA) which is shown on the site plan
- Site plan is referenced as part of the resolution to approve
- Board member belief the intent of the MUPUD ordinance, as read by staff, is far beyond redevelopment and is a mindful way to use land for the future to create a more sustainable community
- Applicant’s willingness to increase the setback to the industrial area as well as to the railroad
- Key feature in changing the face of the Grand River Corridor is the first connection to the Michigan State University (MSU) to River Trail which will provide rear door access to pedestrians and bicyclists

Trustee Veenstra offered the following amendment:

- **Amend condition #13 by deleting after “two bedroom units” the verbiage “and no more than one person may occupy each bedroom in the three and four bedroom units.”**
Seconded by Trustee Scales.

Continued Board and staff discussion:

- Intent of the language proposed to be eliminated is to prevent Campus Village Development from leasing one bedroom to two people
- Staff interpretation a family can rent a three bedroom
- Subject language was recommended by the Planning Commission
- Issue is not with families, but with the unrelated status of renters

[Due to technical difficulties with the video display, Supervisor LeGoff recessed the meeting at 7:52 P.M.]

[Supervisor LeGoff reconvened the meeting at 8:03 P.M.]

ROLL CALL VOTE: YEAS: Trustees Scales, Veenstra, Supervisor LeGoff, Clerk Dreyfus
 NAYS: Trustees Styka, Wilson, Treasurer Brixie
 Motion carried 4-3.

Trustee Wilson offered the following amendment:

- **Amend condition #13 to read: “No more than two unrelated persons may occupy the one and two bedroom units and no more than one unrelated person may occupy each bedroom in the three and four bedroom units.”**

Seconded by Treasurer Brixie.

Continued Board and staff discussion:

- Concern this amendment would prohibit unmarried couples from living together
- Definition of family in the Township’s Code of Ordinances is broad, is not written specifically to include only the traditional married couple and does not prohibit unmarried couples from living together

- Board member belief the language restriction of two unrelated persons in any rental in the Township (passed in 2002/2003) was in response to a number of complaints from home owners in the Wardcliff neighborhood who had a goal of eliminating most rentals
- Board member belief such action encouraged multi-family and high density apartment complexes and the unrelated persons issue may need to be reviewed by the Board in the future
- Township has one part-time code enforcement officer and all building and housing inspectors have code enforcement as part of their day-to-day assignments
- When housing and building inspectors must perform code enforcement duties, it takes away from their primary responsibilities
- Manager’s summary on goals and objectives earlier in the meeting highlighted 672 code enforcement complaints in the first six (6) months of 2015
- Possible regulation through the elimination of four bedroom apartments
- Amendment would allow a total of eight (8) people to live in a four bedroom unit

Trustee Styka offered the following friendly amendment:

- **Amend condition #13 by adding “, unless members of the same family” after “four bedroom units”**

The friendly amendment was accepted by the maker.

ROLL CALL VOTE: YEAS: Trustees Styka, Veenstra, Wilson, Supervisor LeGoff, Treasurer Brixie
 NAYS: Trustee Scales, Clerk Dreyfus
 Motion carried 4-3.

Continued Board discussion:

- Proposed pathway would help to eventually provide direct access to MSU campus
- Board member belief if funding is acquired, the Bus Rapid Transit (BRT) will commence construction in 2017
- 50 four (4) bedroom units could require 190 parking spaces
- Board member belief the problem with this property is its limited amount of frontage on Grand River Avenue making it not viable as a commercial property as shown by experience over the last 17 years
- Subject property is “potentially’ a good location for an apartment complex due to its access to Grand River Avenue
- Possible odors and fumes from Huntsman which uses base resins and hardeners to create solid epoxy and plastic
- Chemicals in a tanker car on the railroad track are a greater hazard than chemicals emitted from Huntsman
- Township Board has the ability to prevent a new business which would emit toxic fumes from locating in Meridian Township
- Board member belief the biggest difficulty with the project is 192 units constructed on less than eight (8) acres, which equates to more than 24 units per acre
- Concern the driveway layout needs to be smoothed out to be more practical as a circulation device

ROLL CALL VOTE: YEAS: Trustees Scales, Styka, Veenstra, Wilson, Supervisor LeGoff, Treasurer Brixie
 NAYS: Clerk Dreyfus
 Motion carried 6-1.

B. Special Use Permit # 15051 (Campus Village Development) 2655 Grand River Avenue

Treasurer Brixie moved [and read into the record] **NOW THEREFORE BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby approves Special Use Permit #15051 (Campus Village Development) for a group of buildings (ten new buildings and one existing retail building) totaling more than 25,000 square feet in gross floor area, subject to the following conditions:**

1. Approval of the special use permit is accordance with the Cover Sheet (Site Plan) prepared by KEBS, Inc., dated July 17, 2015, prepared by Progressive AE, dated received May 27, 2015, subject to revisions as required.
2. Special Use Permit #15051 is subject to all conditions placed on Mixed Use Planned Unit Development #15014 (Campus Village Development) by the Township.
3. The gross square feet of all buildings on the site shall not exceed 224,694 square feet unless the applicant applies for and receives an amendment to Special Use Permit #15051 (Campus Village Development).
4. The above-stated conditions shall replace all prior conditions listed in the approval letter for Special Use Permit #96141, dated March 19, 1997.

Seconded by Trustee Styka.

Board discussion:

- SUP is an additional part of the MUPUD process for this project
- Request for square footage of only the new construction
- Board member preference to increase the number of bicycle lockers (8)

Trustee Veenstra offered the following amendment:

- Amend condition #3 by deleting “224,694” and inserting “225,000”

Seconded by Trustee Scales.

ROLL CALL VOTE: YEAS: Trustees Scales, Styka, Veenstra, Wilson, Supervisor LeGoff,
Clerk Dreyfus
NAYS: Treasurer Brixie
Motion carried 6-1.

ROLL CALL VOTE YEAS: Trustees Scales, Styka, Veenstra, Wilson, Supervisor LeGoff,
ON THE MAIN Treasurer Brixie
MOTION: NAYS: Clerk Dreyfus
Motion carried 6-1.

12. BOARD DISCUSSION ITEMS

Supervisor LeGoff opened Public Remarks.

Neil Story, 3537 Ponderosa Drive, Okemos, addressed the petition submitted by the residents of Ponderosa Estates concerning the possible diversion of traffic out of Ember Oaks into Ponderosa Estates.

Jeff Kyes, KEBS, Inc., 2116 Haslett Road, reminded Board members if the applicant meets the criteria for the PRD sketch plan, an affirmative vote should be given. He noted moving the proposed road on Jolly Road increases the sight distance to over 1,000 feet. Mr. Kyes disputed earlier public comment that someone leaving Ember Oaks is going to make five (5) turns through Ponderosa Estates to turn east onto Jolly Road.

David Pierson, 1305 S. Washington Avenue, Lansing, attorney for SP Investments stated the applicant will be building the rest of Ember Oaks with the same restrictions as the first three (3) phases. He indicated the lots and open spaces were revised for three (3) reasons: new stormwater treatment standards from the Ingham County Drain Commissioner (ICDC), increased pipeline setback amended by the Township Board and the new road access for Jolly Road. Mr. Pierson clarified most of the reduction in lot sizes is due to the required setback (i.e., what was once part of a lot is now part of a setback and the setback is considered open space). He spoke to the road connection to Ponderosa Estates which was included in the PRD resolution approval by the then sitting Township Board in 1999.

Chuck Barbieri, Foster Swift Collins and Smith, 313 S. Washington, Lansing, attorney on behalf of The Ponds Cooperative Homes, Inc., requested the Township file a Chapter 20 Drain petition to make major improvements to the Daniels Drain which was created over 40 years ago. He noted the petition must be brought to the ICDC by one of the corporate entities which comprises the Chapter 20 drainage district: Michigan Department of Transportation (MDOT), Ingham County Road Department or the Township. Mr. Barbieri stated the 2.5 acre pond in the midst of the Waldon Pond complex (located south of Grand River between Dobie and Cornell Roads) is contaminated and virtually lifeless. He added the pond is filled with sedimentation which occurred from drainage into the pond over the past 40 years and contains phosphorous and chlorides. Mr. Barbieri indicated 75 trees around the ponds have died due largely to the collapse of the outlet pipe. He specified correction of the problem would include enlargement of the pond, installation of drainage structures and construction of rain gardens. Mr. Barbieri noted during a preliminary meeting with MDOT, representatives indicated MDOT would provide 50% of the cost of the total project. He requested the Board take up a notice of intent to initiate a petition under Chapter 20 of the Drain Code at its next meeting.

Supervisor LeGoff closed Public Remarks.

A. Planned Residential Development #15-97015 (SP Investments Limited Partnership) Amendment to the Planned Residential Development Sketch Plan – Ember Oaks

Board, staff and applicant's representative discussion:

- Ordinance does not provide an extension for a PRD
- Language in Section 62-62 (4) of the Township's Code or Ordinances speaks to the desirability by the Township and the Ingham County Road Commission regarding the need for connection of streets to adjacent properties
- Inquiry on the interpretation of that section of the code if the Township and the now ICRD have opposing positions
- Final decision regarding a public road rests with the Ingham County Road Department
- If the Township desires not to have the road connection, it would be part of the plat process
- The ICRD has to approve the plat during the plat process
- Board member inquiry if the sketch plan can be approved with a condition to remove the connection between Ember Oaks and Ponderosa Estates
- Sketch plan does not approve the plat
- Placing a condition on the sketch plan regarding the Forsberg Road connection will not necessarily prevent the connection
- Sketch plan is before the Board because the applicant has added land and modified the layout due to a change in drainage required by the ICDC
- If the sketch plan is denied by the Board, the applicant can continue with what has already been approved
- Sketch plan has a different set of criteria than what is used for plat approval
- Amendment to the sketch plan provides for a change to the entrance of the subdivision and is an improvement to the safety off Jolly Road
- Board members will have an opportunity to make a change (i.e., elimination of Forsberg Drive) during the preliminary plat process
- Approved preliminary plat included the road connection at Forsberg Drive

- Township has not contacted the ICRD regarding the type of road it intends for Forsberg Drive
- Forsberg Drive is a platted road owned by the ICRD regardless of whether it is improved for curb and gutter
- Forsberg Drive existed prior to Ember Oaks
- Position by engineers with the ICRD is that the ICRD wants this connection and the applicant is required to connect
- Discussion at the preliminary plat stage will be how Ember Oaks connects to Forsberg Drive
- Residents of Ponderosa Estates have never approached the ICRD to vacate Forsberg Drive
- Cross connection of subdivisions is good urban design

[Trustee Wilson left the room at 9:12 P.M.]

- Suggestion to have the item on for action at the next meeting and submit all questions in writing to the Manager
- Suggestion to have a Board in-service training on the steps involved in the entire plat process
- Suggestion to have a representative from the ICRD be involved in this dialogue with the Board
- Staff report included the July 7th Board packet included both the new sketch plan (Attachment #4) and the original sketch plan from 1999 (Attachment #5)
-

[Trustee Wilson reentered the room at 9:14 P.M.]

- Final decisions will be made during the plat process
- Since no deadline is before the Board, it is good practice to not rush, but allow Board members to totally vet an issue in an open forum
- Concern with how actions taken in the sketch plan affect the preliminary plat process

It was the consensus of the Board to place this item on for action at the August 18, 2015 Board meeting.

B. Daniels Drain Improvements

Assistant Township Manager/Director of Public Works Perry summarized the issues relative to the Daniels Drain as outlined in staff memorandum dated July 21, 2015.

Board and staff discussion:

- Pond was in existence for drainage purposes prior to the Walden Pond development
- Petition process for Chapter 20 drains allows passing the assessment costs onto the property owners who directly benefit from the project
- Project will be expensive, but the issues with the pond will not go away
- Cost estimates of \$200,000-\$400,000 to remove approximately 8,500 cubic yards of sediment from the pond
- Information provided by staff shows the Township's share of the assessment for this Chapter 20 drain to be nearly 83%
- Residents who benefit from these improvements would not be the general population, but Chief Okemos, Forest Hills, Cornell Woods, Whispering Lakes, the Ponds and the included commercial area
- Petition process mentioned by staff would allow the Township to pass along its share of the cost to property owners who directly benefit from the improvements
- If the Township proposes the petition for the drainage district, it could ascertain the level of public support for the project prior to expending any funds
- People within the proposed drainage district requesting the improvements is a good gauge of public sentiment about the improvements
- When the Daniels Drain was first constructed, Grand River Avenue was a two lane road
- MDOT has expressed significant interest in the project and has the ability to bring additional money to the table
- MDOT has expressed an interest in moving this project forward
- Costs cannot be estimated until commencement of preliminary design after a petition is filed

- Township engineering staff will perform some in-house preliminary work
- MDOT currently paying 3% based upon a complicated formula
- Several of the pipes have failed, creating sink holes
- Water quality is a significant issue
- Daniels Drain travels to the north, makes it way to the Mud Lake Drain and ultimately to the Red Cedar River
- MDOT wants to be a partner in this project
- State installed an additional inlet into the drain when it increased the number of lanes on Grand River Avenue

It was the consensus of the Board to place this item on for continued discussion at the August 4, 2015 Board meeting.

- C. Zoning Amendment #14010 Medical Marihuana
Director Kieselbach summarized the proposed zoning amendment as outlined in staff memorandum dated July 15, 2015.

Board discussion:

- Subcommittee of the Board created a compromise proposal which was sent to the Planning Commission pursuant to Township procedure in November, 2013
- Issue at the state level has not moved forward so the Planning Commission should move on this topic
- Board member belief this home occupation needs to be regulated as it would give residents who live near growing facilities peace of mind
- Township process does not require a second public hearing at the Planning Commission level
- Supervisor to send a written request to the Planning Commission to make a recommendation to the Township Board
- Township Board may choose to hold a public hearing after the Planning Commission makes its recommendation

It was the consensus of the Board for Supervisor LeGoff to prepare a letter requesting the Planning Commission take up this issue.

13. PUBLIC REMARKS

Supervisor LeGoff opened Public Remarks.

Karl Ebner, 4392 Cherrywood, Okemos, addressed the issue of deer chronic wasting disease. Having a medical pharmacology/toxicology background, he spoke to toxic and nutritional diagnostic tests he has developed to ascertain how chemicals interfere with mammals assimilating food to thrive.

Supervisor LeGoff closed Public Remarks.

14. FINAL BOARD MEMBER COMMENT

Trustee Veenstra believed the Board should hear from property owners if they desire improvements on the Daniels Drain.

15. ADJOURNMENT

Supervisor LeGoff adjourned the meeting at 9:50 P.M.

ELIZABETH LEGOFF
TOWNSHIP SUPERVISOR

BRETT DREYFUS, CMMC
TOWNSHIP CLERK

Sandra K. Otto, Secretary

Charter Township of Meridian
Board Meeting
August 4, 2015

GGOM

MOVED THAT THE TOWNSHIP BOARD APPROVE THE MANAGER'S
BILLS AS FOLLOWS:

| | |
|--|------------------------|
| COMMON CASH | \$ 579,498.50 |
| PUBLIC WORKS | 1,125,530.44 |
| RETAINAGE | |
| Ck #2004-Mauldon Bros/Okemos Rd Water Main | <u>2,496.52</u> |
| TOTAL CHECKS: | \$ 1,707,525.46 |
| CREDIT CARD TRANSACTIONS | 10,984.09 |
| TOTAL PURCHASES: | <u>\$ 1,718,509.55</u> |
| ACH PAYMENTS | <u>\$ 367,952.17</u> |

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INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
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 COMMON CASH

| Vendor Name | Description | Amount | Check # |
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| 1. 46TH DISTRICT COURT | CASH BOND | 300.00 | 90229 |
| 2. 54-B DISTRICT COURT | CASH BOND | 345.00 | 90230 |
| 3. 55TH DISTRICT COURT | CASH BOND | 350.00 | 90231 |
| 4. 56-A DISTRICT COURT | CASH BOND | 303.00 | 90232 |
| 5. 56-B DISTRICT COURT | CASH BOND | 130.00 | 90233 |
| 6. ADP INC. | 7/10 PR PROCESSING FEE | 1,969.92 | 90234 |
| 7. AIRGAS GREAT LAKES | MEDICAL OXYGEN | 423.73 | 90235 |
| 9. ASAP PRINTING | HYDO STAT TESTING SCBA BOTTLES | 285.00 | |
| | TRAFFIC STOP BROCHURES | 446.36 | |
| | FORMS AND PAMPHLET PRINTING-POLICE DEPT | 193.50 | |
| | TOTAL | <u>639.86</u> | |
| 10. AT & T | JULY SERVICE | 39.58 | 90236 |
| 11. AT&T | JULY SERVICE | 2,250.49 | 90133 |
| 12. AT&T MOBILITY | JULY SERVICE | 52.27 | 90134 |
| 13. BARYAMES CLEANERS | POLICE UNIFORM CLEANING SERVICE | 765.45 | |
| 14. BLUE CROSS BLUE SHIELD OF MICHIGAN | AUG PREMIUM | 115,242.50 | 90242 |
| | AUG PREMIUM-VISION | 3,141.13 | 90243 |
| | TOTAL | <u>118,383.63</u> | |
| 15. BRETT DREYFUS | REIMB-MAMC CONF EXPENSES | 297.95 | |
| 16. CBI INC | JULY METER CHRGR-HNC COPIER | 22.57 | |
| 17. CDW | MICROSOFT EA WIN SERVER LICENSE | 1,014.13 | |
| 18. CEDAR CREEK APARTMENTS | CRC FUNDS-PAST DUE RENT | 216.92 | 90226 |
| 19. CINTAS CORPORATION #725 | MECHANICS UNIFORMS | 25.70 | |
| | MECHANICS UNIFORMS | 25.70 | |
| | TOTAL | <u>51.40</u> | |
| 20. CITY OF EAST LANSING | 2ND QTR ME FEES | 58,891.16 | 90244 |
| 21. CITY PULSE | TWP NOTICES | 66.78 | |
| 22. CMP DISTRIBUTORS INC. | SIMMUNITION AMMO | 1,542.00 | |
| 23. COMCAST CABLE | AUG SERVICE-HNC | 163.40 | |
| 24. CONSUMERS ENERGY | CRC FUNDS-PAST DUE UTILITIES | 228.75 | 90227 |
| | CRC FUNDS-PAST DUE UTILITIES | 240.00 | 90237 |
| | TOTAL | <u>468.75</u> | |

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| Vendor Name | Description | Amount | Check # |
|--------------------------------------|--|-----------|---------|
| 25. COUNTRY VIEW ESTATES | REFUND-PERFORMANCE GUARANTEE/1523 BELEVEDERE | 750.00 | |
| | REFUND-PERFORMANCE GUARANTEE/1529 BELEVEDERE | 750.00 | |
| | TOTAL | 1,500.00 | |
| 26. DBI | OFFICE SUPPLIES | 20.97 | |
| | OFFICE SUPPLIES | 39.00 | |
| | TOTAL | 59.97 | |
| 27. DELTA DENTAL | AUG PREMIUM | 14,507.73 | 90245 |
| 28. DEWITT FENCE CO | REPAIR DAMAGED FENCE DOBIE ROAD | 2,099.00 | |
| 29. DISCOUNT ONE HOUR SIGNS | CEDAR BEND HERITAGE SIGNS - DBL SIDED | 559.00 | |
| 30. FAHEY SCHULTZ BURZYCH RHODES PLC | LEGAL FEES-JUNE | 4,723.00 | |
| | JUNE RETAINER | 2,500.00 | |
| | JULY RETAINER | 5,000.00 | |
| | TOTAL | 12,223.00 | |
| 31. FEDEX | SHIPPING CHRGS | 47.94 | |
| 32. GENERAL CODE | ANNUAL MAINT CONTRACT-CLERK | 995.00 | |
| 33. GEORGIA MONTGOMERY | REFUND-HNC CAMP FEE | 30.00 | |
| 34. GLEN BRITTINGHAM | FARM MRKT VENDOR - 7/22/15 | 13.00 | |
| 35. GRANICUS INC | AUG MAINT-OPEN PLATFORM SERVICE | 325.00 | |
| 36. GS FEDEWA HOMES INC | REFUND-FINAL PLAT APPLICATION FEE | 600.00 | 90135 |
| 37. HASLETT ANIMAL HOSPITAL | VET SERVICES-UBY | 219.34 | |
| 38. JEFFORY BROUGHTON | RADIO REPAIR-FIRE DEPT | 787.50 | |
| | RADIO REPAIR-FIRE DEPT | 966.00 | |
| | TOTAL | 1,753.50 | |
| 39. JIMMERSON ROOFING | REFUND-OVERP'MT OF PERMIT FEE/4667 KINGSWOOD | 60.00 | |
| 40. KEVIN WITGEN | REFUND OF SIGN PERMIT FEE | 100.00 | |
| 41. KITCH DRUTCHAS WAGNER VALITUTTI | MAY LEGAL FEES-HOM-TV | 4,950.00 | |
| 42. LANSING SANITARY SUPPLY INC | STATE CONTRACT CUSTODIAL SUPPLIES | 244.25 | |
| | CLEANING SUPPLIES/EQUIPMENT | 76.64 | |
| | TOTAL | 320.89 | |
| 43. LANSING UNIFORM COMPANY | FIRE DEPT - UNIFORMS | 130.00 | |
| | UNIFORMS-FIRE DEPT | 180.00 | |
| | 1-BODY ARMOR/POLICE DEPT | 595.00 | |
| | UNIFORMS-FIRE DEPT | 93.00 | |
| | 5-BODY ARMOR | 2,975.00 | |
| | UNIFORMS-FIRE DEPT | 180.00 | |
| | TOTAL | 4,153.00 | |
| 44. MEDICAL MANAGEMENT SYSTEMS OF | AMBULANCE BILLING SERVICE | 6,609.45 | |

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| Vendor Name | Description | Amount | Check # |
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| 45. MEDLER ELECTRIC | | | |
| | LED LIGHTING AND POLES | 15,341.00 | |
| 46. MEGAN SLIVA | | | |
| | FITNESS INSTRUCTOR'S FEE | 64.00 | |
| 47. MERIDIAN TOWNSHIP | | | |
| | TRANSFER FUNDS TO FLEX SPENDING BANK | 1,130.05 | 90136 |
| | TRANSFER FUNDS TO FLEX SPENDING BANK ACCT | 1,130.05 | 90246 |
| | TOTAL | 2,260.10 | |
| 48. MERIDIAN TOWNSHIP RETAINAGE | | | |
| | RETAINAGE - MOORE TROSPER | 110.50 | |
| 49. MICHIGAN STATE UNIVERSITY | | | |
| | VET SERVICES-UBY | 1,157.70 | |
| 50. MOLLY HUNSBERGER | | | |
| | FITNESS INSTRUCTOR'S FEE | 112.00 | |
| 51. MOORE TROSPER CONSTRUCTION | | | |
| | 2015 CONCRETE REPAIR CONTRACT | 994.50 | |
| 52. MSU FEDERAL CREDIT UNION | | | |
| | REFUND-PERFORMANCE GUARANTEE/2300 JOLLY RD | 12,000.00 | |
| 53. MUZZALL GRAPHICS | | | |
| | BUSINESS CARDS-BLDG DEPARTMENT | 79.84 | |
| | TOWNSHIP LETTERHEAD & DEPARTMENT ENVELOPES | 123.75 | |
| | UTILITY BILLS | 3,311.18 | |
| | TOWNSHIP LETTERHEAD & DEPARTMENT ENVELOPES | 541.25 | |
| | TOWNSHIP LETTERHEAD & DEPARTMENT ENVELOPES | 252.00 | |
| | TOTAL | 4,308.02 | |
| 54. NATIONAL RESEARCH CENTER INC | | | |
| | 2015 CITIZEN SURVEY BASIC SERVICE | 8,900.00 | |
| 55. NEW HORIZONS COMPUTER LEARNING | | | |
| | CONFIRMATION OF TRAINING (VMWARE ICM 6) | 4,125.00 | |
| 56. PALMER CONSTRUCTION | | | |
| | REFUND-PERFORMANCE GUARANTEE/6086 SKYLINE | 500.00 | |
| 57. PNC FINANCIAL PROCESSING UNIT | | | |
| | EMPLOYER CONTRIBUTION-PENSION PLAN | 250,000.00 | 90240 |
| 58. PROFESSIONAL BENEFITS SERVICES INC | | | |
| | AUG PREMIUM | 9,209.80 | 90239 |
| | FLEX BENEFITS ADMIN FEE | 126.00 | |
| | TOTAL | 9,335.80 | |
| 59. PROGRESSIVE AE | | | |
| | ENGINEERING SERVICES FOR LAKE LANSING | 2,719.90 | 90241 |
| 60. PROTEC | | | |
| | AC REPAIR | 937.77 | |
| 61. QUALITY TIRE INC | | | |
| | UTILITY INTERCEPTOR TIRES | 301.20 | |
| 62. RED CEDAR CONSULTING | | | |
| | ASBESTOS/HAZARDOUS MATERIAL TESTING-TOWNER RD | 500.00 | |
| 63. REFPAY TRUST ACCOUNT | | | |
| | REFEREE PAY-HASLETT & OKEMOS PROGRAMS | 1,720.00 | 90228 |
| 64. SANDRA STONE | | | |
| | FARM MARKET VENDOR - 7/22/15 | 39.00 | |
| 65. SCHROEDER BUILDERS | | | |
| | REFUND-OVERP'MT OF PERMIT FEE/1578 MAIDEN | 100.00 | |
| | REFUND-PERF GUARANTEE/1582 MAIDEN,5195 TWINGING | 2,553.75 | |
| | TOTAL | 2,653.75 | |
| 66. SHAWN DIEMER | | | |
| | FARM MARKET VENDOR - 7/22/15 | 637.00 | |
| 67. SHOWROOM SHINE | | | |
| | FIRE/POLICE VEHICLE CLEANING(16) | 128.00 | |

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| 68. SOLDAN'S FEED & PET SUPPLIES | | | |
| | CANINE SUPPLIES FOR TWO DOGS | 32.99 | |
| | CANINE SUPPLIES FOR TWO DOGS | 46.99 | |
| | TOTAL | 79.98 | |
| 69. SPARTAN COUNTRY MEATS LLC | | | |
| | FARM MARKET VENDOR - 7/22/15 | 21.00 | |
| 70. SPARTAN DISTRIBUTORS | | | |
| | VEHICLE REPAIR PARTS | 47.86 | |
| 71. STATE OF MI DTMB FINACIAL SERVICES | | | |
| | MAILING/POSTAGE-SUMMER TAX BILLS | 5,259.44 | |
| 72. STATE OF MICHIGAN | | | |
| | LICENSE FEE-UNDERGRD STORAGE TANKS | 400.00 | |
| 73. SUPREME SANITATION | | | |
| | PORTABLE TOILET RENTAL - WILLIAMSTON MS | 80.00 | |
| | PORTABLE TOILET RENTAL - WILLIAMSTON ELEM | 160.00 | |
| | PORTABLE TOILET RENTAL - HNC | 80.00 | |
| | PORTABLE TOILET RENTAL - HILLBROOK PARK | 80.00 | |
| | PORTABLE TOILET RENTAL - KINewa | 80.00 | |
| | PORTABLE TOILET RENTAL - CHIPPEWA | 320.00 | |
| | PORTABLE TOILET RENTAL - BENNETT WOODS | 80.00 | |
| | TOTAL | 880.00 | |
| 74. SUZANNE THREADGOULD | | | |
| | FARM MARKET VENDOR - 7/22/15 | 35.00 | |
| 75. THE HARKNESS LAW FIRM PLLC | | | |
| | LEGAL FEES-UTC | 6,700.27 | |
| 76. THE LINCOLN NAT'L LIFE INS CO | | | |
| | AUG PREMIUM | 2,884.57 | 90238 |
| 77. THE MERIDIAN COMPANY | | | |
| | REFUND-OVERP'MT OF PERMIT FEE | 125.00 | |
| 78. THE POLACK CORPORATION | | | |
| | METER CHRg-8 COPIERS | 551.94 | |
| 79. TITUS FARM LLC | | | |
| | FARM MARKET VENDOR - 7/22/15 | 138.00 | |
| 80. U.S. BANK EQUIPMENT FINANCE | | | |
| | COPIER(7) CONTRACT P'MT-AUG | 954.00 | |
| 81. WEST SHORE FIRE | | | |
| | REPLACEMENT SCBA ESCAPE BOTTLES FOR COINFINED SPAC | 2,186.39 | |
| 82. WILBUR HOCHSTETLER | | | |
| | FARM MARKET VENDOR 7/22/2015 | 291.00 | |
| TOTAL - ALL VENDORS | | 579,498.50 | |

07/30/2015 10:34 AM
 User: CHAR
 DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
 EXP CHECK RUN DATES 08/04/2015 - 08/04/2015
 JOURNALIZED OPEN AND PAID
 BANK CODE: PW - CHECK TYPE: PAPER CHECK
 PUBLIC WORKS

| Vendor Name | Description | Amount | Check # |
|---------------------------------------|---|--------------|---------|
| 1. CHAMPION WOODS, LLC | AUG SETTLEMENT P'MT | 4,100.00 | |
| 2. CITY OF EAST LANSING | SEMI ANNUAL SEWER OPERATING BILLING | 880,000.00 | |
| 3. COMPLETE BATTERY SOURCE | BATTERIES-SEWER DEPT | 84.83 | |
| 4. DAO ZHANG | REFUND-OVERP'MT OF FINAL UTILITY BILL | 34.20 | |
| 5. EJ USA, INC. | SEWER DEPT SUPPLIES | 1,593.01 | |
| 6. ETNA SUPPLY COMPANY | TYPE K COPPER | 4,372.56 | |
| 7. FISHBECK, THOMPSON, CARR & HUBER | WETLAND CONSULTING FEES-SAW GRANT | 134,915.24 | |
| | WETLAND CONSULTING FEES-SAW GRANT | 85,281.12 | |
| | TOTAL | 220,196.36 | |
| 8. JAMIE CHRISTOPOULOS | FEE REFUND-IRRIGATION METER/NOT INSTALLED | 692.50 | |
| 9. JOHNSON & ANDERSON INC | UPDATE TWP GIS INFORMATION | 5,225.00 | |
| | CITYWORKS IMPLEMENTATION | 342.50 | |
| | TOTAL | 5,567.50 | |
| 10. KENNEDY INDUSTRIES INC | SERVICE-WOODVALLEY STN | 598.75 | |
| 11. MAULDON BROTHERS CONSTRUCTION LLC | OKEMOS ROAD WATERMAIN REPLACEMENT | 3,986.98 | |
| 12. MERIDIAN TOWNSHIP RETAINAGE | RETAINAGE-MOORE TROSPER | 236.70 | |
| 13. MICHIGAN RURAL WATER ASSOC | ANNUAL DUES-PERRY | 735.00 | |
| 14. MIKE BONE | REFUND-OVERP'MT OF FINAL UTILITY BILL | 37.75 | |
| 15. MOORE TROSPER CONSTRUCTION | 2015 CONCRETE REPAIR CONTRACT | 2,130.30 | |
| 16. SHERWIN WILLIAMS CO | PAINT-PW DEPT | 220.77 | |
| | PAINT-WATER DEPT | 208.88 | |
| | TOTAL | 429.65 | |
| 17. TAMI JACKARD | REFUND-OVERP'MT OF UTILITIES | 109.70 | |
| 18. THE LINCOLN NAT'L LIFE INS CO | AUG PREMIUM | 393.16 | 25915 |
| 19. USA BLUE BOOK | WATER DEPT SUPPLIES | 231.49 | |
| TOTAL - ALL VENDORS | | 1,125,530.44 | |

CREDIT CARD PURCHASES - July 15 - 30,2015

| Transaction | Transaction Merchant Name | Transaction Amount | Account Name |
|-------------|---------------------------|--------------------|---------------------|
| 7/15/15 | 244 AUTO VALUE EAST LANSI | \$ 146.52 | DAVID LESTER |
| 07/23/15 | 244 AUTO VALUE EAST LANSI | 46.17 | DAN PALACIOS |
| 07/23/15 | A RENAISSANCE GOLF RES | 79.00 | CAROL HASSE |
| 07/16/15 | ACTIVE911 INC | 12.75 | WILLIAM PRIESE |
| 07/23/15 | ACTIVE911 INC | 12.75 | WILLIAM PRIESE |
| 07/23/15 | AIRGASS NORTH | 30.23 | TODD FRANK |
| 07/20/15 | AMAZON MKTPLACE PMTS | 12.38 | CHRISTOPHER DOMEYER |
| 07/23/15 | AMAZON MKTPLACE PMTS | 9.89 | CHRISTOPHER DOMEYER |
| 07/23/15 | AMAZON MKTPLACE PMTS | 6.34 | CHRISTOPHER DOMEYER |
| 07/27/15 | AMAZON MKTPLACE PMTS | 68.67 | CHRISTOPHER DOMEYER |
| 07/27/15 | AMAZON MKTPLACE PMTS | 14.58 | CHRISTOPHER DOMEYER |
| 07/28/15 | AMAZON MKTPLACE PMTS | 15.45 | CHRISTOPHER DOMEYER |
| 07/15/15 | AMAZON.COM | 24.13 | CATHERINE ADAMS |
| 07/17/15 | AMAZON.COM | 11.63 | CATHERINE ADAMS |
| 07/16/15 | AMAZON.COM | 23.02 | CHRISTOPHER DOMEYER |
| 07/20/15 | AMAZON.COM | 143.04 | CHRISTOPHER DOMEYER |
| 07/27/15 | BEST BUY 00004168 | 59.99 | CATHERINE ADAMS |
| 07/22/15 | BOYNE MTN LODGING | 49.14 | DEBORAH GUTHRIE |
| 07/27/15 | BROADCAST PIX INC | 1,969.00 | DARKUS BEASLEY |
| 07/23/15 | BUDDIES GRILL HOLT | 12.00 | WILLIAM PRIESE |
| 07/16/15 | BUYONLINENOW.COM | 51.40 | CAROL HASSE |
| 07/22/15 | CATHEY CO | 145.02 | KEN PUNG |
| 07/28/15 | CATHEY CO | 46.21 | KEN PUNG |
| 07/23/15 | CITY OF EAST LANSING | 162.00 | MICHAEL DEVLIN |
| 07/23/15 | COMCAST OF LANSING | 9.54 | KRISTI SCHAEADING |
| 07/21/15 | COMPLETE BATTERY SOURCE | 190.87 | STEPHEN GEBES |
| 07/17/15 | COMPLETE BATTERY SOURCE | 36.85 | JAY GRAHAM |
| 07/21/15 | COMPREHENSIVE | 417.50 | DARKUS BEASLEY |
| 07/21/15 | COMPREHENSIVE | 569.28 | DARKUS BEASLEY |
| 07/27/15 | CONSENERGY MISC BILL | 791.37 | GRETCHEN M GOMOLKA |
| 07/23/15 | D & G EQUIPMENT | 61.88 | ROBERT MACKENZIE |
| 07/22/15 | D J*WALL-ST-JOURNAL | 86.97 | JULIE BRIXIE |
| 07/24/15 | FAST FILL | 29.40 | FREDERICK COWPER |
| 07/28/15 | FEDEX 781045715077 | 65.97 | DARKUS BEASLEY |
| 07/27/15 | FEDEX OFFICE 00000828 | 123.00 | ANDREA SMILEY |
| 07/22/15 | GFS STORE #1901 | 156.54 | RICH WHEELER |
| 07/24/15 | GRAFF-CHEVROLET-OKEMOS | 84.17 | TODD FRANK |
| 07/16/15 | HAMMOND FARMSLANDS | 13.48 | KEITH HEWITT |
| 07/20/15 | HASLETT TRUE VALUE HDW | 55.96 | JIM ANDERSON |
| 07/21/15 | HASLETT TRUE VALUE HDW | 6.49 | RICH WHEELER |
| 07/16/15 | HASLETT TRUE VALUE HDW | 27.36 | KEITH HEWITT |
| 07/16/15 | HASLETT TRUE VALUE HDW | 8.99 | TOM OXENDER |
| 07/28/15 | JERSEY GIANT SUBMARINES | 48.76 | ROBIN FAUST |
| 07/20/15 | JONES&BARTLETT LEARNING | 132.71 | WILLIAM PRIESE |
| 07/23/15 | LANSING COMMUNITY COLL | 5.00 | WILLIAM PRIESE |
| 07/17/15 | MARATHON PETRO061093 | 39.10 | FREDERICK COWPER |
| 07/15/15 | MARU SUSHI & GRILL | 69.24 | JANE GREENWAY |
| 07/22/15 | MASON ELEVATOR COMPANY | 112.50 | ROBERT MACKENZIE |
| 07/27/15 | MEIJER INC #025 Q01 | 21.82 | CATHERINE ADAMS |
| 07/15/15 | MEIJER INC #025 Q01 | 29.34 | MICHAEL DEVLIN |
| 07/27/15 | MEIJER INC #025 Q01 | 15.97 | CHRISTOPHER DOMEYER |

| | | | |
|----------|---------------------------|--------|---------------------|
| 07/15/15 | MEIJER INC #025 Q01 | 59.85 | ROBIN FAUST |
| 07/22/15 | MEIJER INC #025 Q01 | 19.14 | ROBIN FAUST |
| 07/28/15 | MEIJER INC #025 Q01 | 19.44 | ROBIN FAUST |
| 07/28/15 | MEIJER INC #025 Q01 | 4.78 | KYLE WILKINS |
| 07/27/15 | METAL FRAMES INC | 49.00 | PETER VASILION |
| 07/22/15 | MOUNTAIN GRD LODGE | 365.52 | FREDERICK COWPER |
| 07/22/15 | MOUNTAIN GRD LODGE | 348.16 | DEBORAH GUTHRIE |
| 07/24/15 | MOUNTAIN GRD LODGE | 48.61 | DEBORAH GUTHRIE |
| 07/24/15 | MOUNTAIN GRD LODGE | 185.92 | DEREK PERRY |
| 07/24/15 | MSU DEMMER CENTER | 90.00 | CATHERINE ADAMS |
| 07/17/15 | OFFICEMAX/OFFICEDEPOT #61 | 82.98 | JIM ANDERSON |
| 07/27/15 | OFFICEMAX/OFFICEDEPOT #61 | 118.94 | KATHERINE RICH |
| 07/15/15 | OFFICEMAX/OFFICEDEPOT #61 | 23.96 | MICHAEL DEVLIN |
| 07/23/15 | OFFICEMAX/OFFICEDEPOT #61 | 5.99 | MICHAEL DEVLIN |
| 07/21/15 | OFFICEMAX/OFFICEDEPOT #61 | 17.57 | CHRISTOPHER DOMEYER |
| 07/21/15 | OFFICEMAX/OFFICEDEPOT #61 | 27.19 | CHRISTOPHER DOMEYER |
| 07/16/15 | OFFICEMAX/OFFICEDEPOT #61 | 103.99 | MIKE ELLIS |
| 07/24/15 | OFFICEMAX/OFFICEDEPOT #61 | 102.98 | TODD FRANK |
| 07/20/15 | OFFICEMAX/OFFICEDEPOT #61 | 16.91 | DARLA JACKSON |
| 07/23/15 | OFFICEMAX/OFFICEDEPOT #61 | 78.98 | WILLIAM PRIESE |
| 07/16/15 | OKEMOS HARDWARE INC | 4.99 | KEN PUNG |
| 07/15/15 | OKEMOS HARDWARE INC | 20.27 | JIM ANDERSON |
| 07/22/15 | OKEMOS HARDWARE INC | 4.29 | PETER VASILION |
| 07/16/15 | OKEMOS HARDWARE INC | 3.99 | TOM OXENDER |
| 07/27/15 | OKEMOS HARDWARE INC | 19.99 | TOM OXENDER |
| 07/28/15 | PANERA BREAD #715 | 37.35 | JANE GREENWAY |
| 07/24/15 | PAYPAL *PATC | 50.00 | KRISTI SCHAEADING |
| 07/20/15 | PETSMART INC 724 | 23.48 | CATHERINE ADAMS |
| 07/23/15 | PIONEER REVERE 8008771500 | 136.00 | ROBERT MACKENZIE |
| 07/16/15 | QUILL CORPORATION | 28.01 | CAROL HASSE |
| 07/18/15 | QUILL CORPORATION | 37.71 | CAROL HASSE |
| 07/16/15 | SEARS ROEBUCK 1170 | 299.98 | DAVID LESTER |
| 07/22/15 | SENTRYLINK LLC | 19.95 | CAROL HASSE |
| 07/27/15 | SHAHEEN CHEVROLET | 125.00 | TODD FRANK |
| 07/17/15 | SHOWROOM SHINE | 115.00 | KEN PUNG |
| 07/27/15 | SPORTS STOP | 24.50 | MIKE ELLIS |
| 07/27/15 | STATE DEQ WATER TEST | 16.00 | KATHERINE RICH |
| 07/15/15 | STATE DEQ WATER TEST | 54.00 | YOUNES ISHRAIDI |
| 07/17/15 | TARGET 00003657 | 7.00 | WILLIAM PRIESE |
| 07/15/15 | THE HOME DEPOT 2723 | 14.97 | CHRISTOPHER DOMEYER |
| 07/27/15 | THE HOME DEPOT 2723 | 18.60 | CHRISTOPHER DOMEYER |
| 07/20/15 | THE HOME DEPOT 2723 | 6.38 | PETER VASILION |
| 07/27/15 | THE HOME DEPOT 2723 | 24.99 | PETER VASILION |
| 07/27/15 | THE HOME DEPOT 2723 | 348.00 | PETER VASILION |
| 07/24/15 | THE HOME DEPOT 2723 | 23.67 | ROBIN FAUST |
| 07/17/15 | THE HOME DEPOT 2723 | 59.91 | KYLE WILKINS |
| 07/23/15 | THE UPS STORE 0811 | 34.12 | ROBIN FAUST |
| 07/15/15 | USA BLUE BOOK | 147.08 | JOE VANDOMMELEN |
| 07/22/15 | VIKTOR INCENTIVES&MEET | 250.00 | GRETCHEN M GOMOLKA |
| 07/20/15 | WISESTAMP.COM | 48.00 | DEBORAH GUTHRIE |
| 07/15/15 | WWW.LOGMEIN.COM | 849.58 | ERIC MILLER |


\$ 10,984.09

ACH Transactions
July 15, 2015 - July 30, 2015

| <u>Date</u> | <u>Payee</u> | <u>Amount</u> | <u>Purpose</u> |
|---------------------------|-------------------------------|----------------------|-----------------------------|
| 7/17/2015 | Elan Finacial | \$ 20,789.13 | P'mt-Credit Card Purchases |
| 7/20/2015 | Consumers Energy | 28,645.40 | June Utilities/St Lights |
| 7/21/2015 | Consumers Energy | 920.49 | June Utilities |
| 7/24/2015 | ICMA | 33,974.88 | Payroll Deductions |
| | Various Finacial Institutions | 251,354.28 | Direct Deposit-7/24 Payroll |
| 7/30/2015 | MERS | 32,267.99 | July P'mt |
| Total ACH Payments | | \$ 367,952.17 | |

MEMORANDUM

TO: Township Board

FROM: 
Joyce A. Marx, Human Resources Director

DATE: July 30, 2015

RE: **Ratification of Police Officer Appointment**

The Township has presented a conditional offer of employment to a qualified police officer candidate. The prospective hiring brings the staffing level of the police department to thirty-seven (37) sworn personnel. The 2015 budget includes thirty-nine sworn positions.

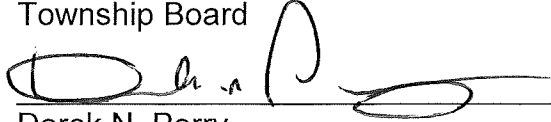
Douglas Strouse comes to us from the Shiawassee County Sheriff's Office after eight years. His prior experience includes time with the City of Corunna Police Department and the Ingham County Sheriff's Office. Mr. Strouse obtained an Associate's Degree in Criminal Justice from Lansing Community College, and he completed the Mid-Michigan Police Academy in 2006.

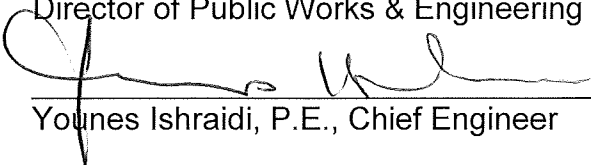
A motion is prepared for Board consideration:

MOVE TO RATIFY THE APPOINTMENT OF DOUGLAS STROUSE TO THE POSITION OF POLICE OFFICER CONTINGENT UPON SUCCESSFUL COMPLETION OF THOSE ITEMS STIPULATED IN THE CONDITIONAL OFFER OF EMPLOYMENT.

MEMORANDUM

TO: Township Board

FROM: 
Derek N. Perry
Assistant Township Manager
Director of Public Works & Engineering


Younes Ishraidi, P.E., Chief Engineer

DATE: July 30, 2015

RE: **Newton Road Public Road Improvements
Special Assessment District #43
Public Hearing**

At its July 7, 2015 meeting, the Township Board set a public hearing for August 4, 2015 to hear comments on the paving of approximately 510' at each end of Newton Road (between Lake Lansing and Saginaw/BL-69/M-78) and on the special assessment district. Notices of the public hearing were sent to the property owners along Newton Road.

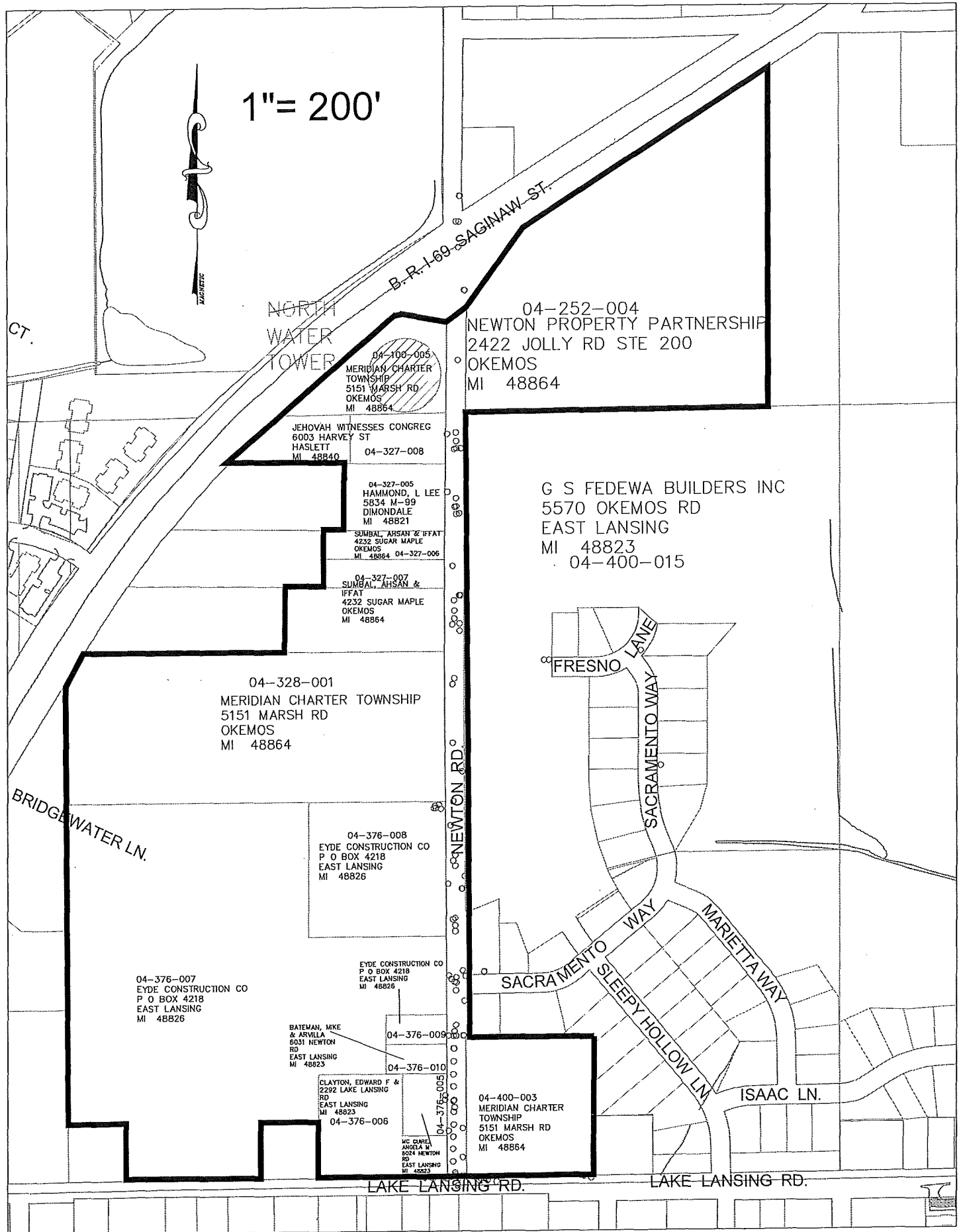
Newton Road is a local road, approximately 3142 feet long, running from Lake Lansing Road north to Saginaw/BL-69/M-78. The developer for Sierra Ridge subdivision is responsible to pave Newton Road along the subdivision frontage, approximately 2125 feet, as a requirement of the plat. The developer is planning on paving in 2015.

The additional footage to pave Newton Road is approximately 1020 feet, approximately 510' feet at each end of Newton Road. The total estimated project cost is \$86,000. Approximately \$20,000 will be paid by the Township's pathway millage for the proposed 3' paved shoulders. As such, the total estimated assessments will be \$66,545.

There are fourteen (14) parcels in the district, including residential, commercial, and Township owned parcels. The estimated assessments would range from \$3,033 to \$9,025. Meridian Township has three (3) parcels along Newton Road, which include the Newton Road Water Tower, Newton Road Park, and a Land Preservation parcel. Meridian Township's portion would be \$23,022.

Attached is a map of the district and the proposed special assessment district.

Attachments



NEWTON ROAD PAVING ASSESSMENT DISTRICT #43

**NEWTON ROAD PUBLIC ROAD IMPROVEMENT
SPECIAL ASSESSMENT DISTRICT #43**

ASSESSMENT ROLL

| Parcel # & Street Address/Legal Desc | Property Owner Name & Address | Proposed Special Assessment Amount |
|---|---|---|
| 3302-02-04-100-005 M-78 & Newton Legal Desc M4-26-2 That pt of S 104 A. of NW ¼ of Sec 4, S of Hwy M-78, on NW FRL ¼ of FRL Sec 4, T4N, R1W. | MERIDIAN CHARTER TOWNSHIP 5151 Marsh Road, Okemos, MI 48864 | \$5,385.00 |
| 3302-02-04-252-004 6276 Newton Legal Desc: M4-22 that pt of SW ¼ of NE ¼ S of M-78 Hwy, exc beg at inter of cen line of E bound rdwy of M-78 state hwy & NS ¼ line of Sec 4-N 59 deg 40'E 300 ft- S 35 deg 44'30" W 433.44 ft to pt on NS ¼ line of Sec 4 a distance of 200 ft from beg N 200 ft to beg also exc beg at inter of cen line of E bound rdwy of M-78 state hwy & cen line of Towner Rd-S 59 deg 40' W 300 ft S 72 deg 07'20" E to E 1/8 line of Sec 4 N along E 1/8 line to cen line of Towner Rd W'ly along said cen line to beg - also except com at cen of Sec 4, S 88 deg 13' 47" E along E-W ¼ line of Sec 4, 1079.47 ft to pt of beg: N 01 deg 24'16" E 1156.35 ft to pt on S'ly R/W line of Hwy M-78, N 71 deg 57' 55" E along said R/W line 231.81 ft, S 01 deg 24'16" W 1234.90 ft to pt on E-W ¼ line of Sec 4, N 88 deg 13'47" W 218.60 ft along said E-W ¼ line to pt of beg, Sec 4, T4N, R1W. | NEWTON PROPERTY PARTNERSHIP 2422 Jolly Rd, Ste. 200, Okemos, MI 48864 | \$5,385.00 |
| 3302-02-04-327-005 Newton Legal Desc MP 1840, Lot 3, Mitchell Acres | L LEE HAMMOND 5834 M-99, Dimondale, MI 48821 | \$4,082.00 |
| 3302-02-04-327-006 M-78 Legal Desc: MP 1843, N ½ of Lot 6, Mitchell Acres | AHSAN & IFFAT SUMBAL 4232 Sugar Maple, Okemos, MI 48864 | \$3,458.00 |
| 3302-02-04-327-007 6217 Newton Legal Desc MP 1843-1, MP 1844, S ½ of Lot 6 & Lot 7, Entire Mitchell Acres | AHSAN & IFFAT SUMBAL 4232 Sugar Maple, Okemos, MI 48864 | \$3,984.00 |

**NEWTON ROAD PUBLIC ROAD IMPROVEMENT
SPECIAL ASSESSMENT DISTRICT #43
ASSESSMENT ROLL**

| Parcel # & Street Address/Legal Desc | Property Owner Name & Address | Proposed Special Assessment Amount |
|---|--|---|
| 3302-02-04-327-008 2231 M-78 Legal Desc: MP 1838 & 1829, Lots 1 & 2, Mitchell Acres | JEHOVAH WITNESSES CONGREG 6003 Harvey St, Haslett, MI 48840 | \$3,030.00 |
| 3302-02-04-328-001 M-78 Legal Desc: M4-28 Beg on N-S ¼ line at pt N 1 deg 40'10"E 1323.0 ft from S ¼ cor of Sec 4, N 88 deg 19' 04"W 1335.13 ft along N line of SE ¼ of SW ¼ to E line of W ½ of SW ¼ of Sec 4, N 1 deg 13'20"E 394.19 ft along said E line to SE'ly R/W line of M-78 Hwy, said R/W line being 70 ft SE'ly of cen line of E bound lanes, measured perpendicular to said cen line, N 34 deg 06' E 133.46 ft along said R/W line to S'ly line of Mitchell Acres Plat, S 88 deg 18' 08" E 1266.63 ft along said S'ly line to said N & S ¼ line, S 1 deg 40' 10" W 506.5 ft to P.O.B. on SW ¼ of Sec 4, T4N, R1W. | MERIDIAN CHARTER TOWNSHIP 5151 Marsh Road, Okemos, MI 48864 | \$9,029.00 |
| 3302-02-04-376-005 6024 Newton Legal Desc: M4-42-1 Com in N & S ¼ line at pt 187 ft N of S ¼ post -W 177 ft - N 210 ft- E 177 ft -S 210 ft to beg on SW ¼ of Sec 4, T4N, R1W. | ANGELA M. MCGUIRE 6024 Newton Road, East Lansing, MI 48823 | \$3,743.00 |
| 3302-02-04-376-006 2292 Lake Lansing Legal Desc: M4-42 S 397 ft of E 464 ft of SE ¼ of SW ¼ of Sec 4 exc com 187 ft N of S ¼ post, W 177 ft N 210 ft E 177 ft-S to beg Sec 4, T4N, R1W. | EDWARD F CLAYTON & SUSAN LUKS 2292 Lake Lansing Road, East Lansing, MI 48823 | \$3,333.00 |
| 3302-02-04-376-007 Newton & Lake Lansing Legal Desc: M4-42-2 SE ¼ of SW ¼ exc. S 397 ft of E 464 ft Thereof on SW ¼ of Sec 4, T4N, R1W. exc beg on S li of Sec 4 at pt 464 ft N 88 deg 20' W of S ¼ cor of Sec 4 N 88 deg 20'W 200 ft on S line of Sec 4 N 01 deg 40' 10" E 233 ft S 88 deg 20' E 200 ft S 01 deg 40' 10" W 233 ft to Beg & also exc beg on N & S ¼ li of Sec 4 at pt 397 ft N01 deg 40'10" E of S ¼ cor of Sec 4 N 88 deg 20'W 233 ft N01 deg 40'10" E 200 ft S 88 deg 20' E 233 ft S 01 deg 40'10" W 200 ft on N & S ¼ li of Sec 4 to Beg & also exc beg on S li of Sec 4 at pt 1124.8 ft N 88 deg 20' W of S ¼ cor of Sec 4 N 88 deg 20' W 200 ft on S li of Sec 4 to SW cor of SE ¼ of SW cor of Sec 4 N 01 deg 13' 20" E 233 ft on W line of SE ¼ of SW ¼ of Sec 4 S 88 deg 20' E 200 ft S 01 deg 13'20" W233 ft to Beg Sec 4 T4N R1W. Exc beg on N-S ln at pt N 1 deg 40' 10" E 863 ft from the S ¼ cor of Sec 4 th parallel with the N ln of SE ¼ of SW ¼ N 88 deg 19' 04" W 500 ft th parallel with the N-S ¼ ln N 1 deg 40' 10" E 460 ft to N ln of said SE ¼ of SW 1/4 , Th alg N ln S 88 deg 19' 04" E 500 ft to N-S ¼ ln th S 1 deg 40' 10" W 460 ft to beg Sec 4 T4N, R1W. | EYDE CONSTRUCTION COMPANY P.O. Box 4218, East Lansing, MI 48823 | \$4,742.00 |


**NEWTON ROAD PUBLIC ROAD IMPROVEMENT
SPECIAL ASSESSMENT DISTRICT #43
ASSESSMENT ROLL**

| <u>Parcel # & Street Address/Legal Desc</u> | <u>Property Owner Name & Address</u> | <u>Proposed Special Assessment Amount</u> |
|---|---|---|
| 3302-02-04-376-008 Newton | EYDE CONSTRUCTION COMPANY P.O. Box 4218, East Lansing, MI 48823 | \$8,200.00 |
| Legal Desc: M4-42-2-4 That pt of the SE ¼ of SW ¼ of Sec 4, Beg on N-S ¼ line at a pt N 1 deg 40'10"E 863 ft from the S ¼ cor of Sec 4 th parallel with the N line of SE ¼ of the SW ¼ N 88 deg 19'04" W 500 ft th parallel with the N-S ¼ line N 1 deg 40'10"E 460 ft to N line of said SE ¼ of SW ¼, th alg N line S 88 deg 19'04"E 500 ft to N-S ¼ line, th S 1 deg 40'10"W 460 ft to Beg Sec 4, T4N, R1W, Meridian Township. | | |
| 3302-02-04-376-009 Newton | EYDE CONSTRUCTION CO P.O. Box 4218, East Lansing, MI 48823 | \$1,783.00 |
| Legal Desc: M4-42-2-2-1 Beg on the N-S ¼ line of Sec 4 at a pt 397 ft, N 01 deg 40'10" E of S ¼ corner of Sec 4, th N 88 deg 20' W 233 ft, th N 01 deg 40'10" E, 200 ft; th S 88 deg 20' E, 233 ft; th S 01 deg 40' 10" W, 200 ft on the N-S ¼ line of Sec 4 to pt of beg exc the S ½, Sec 4, T4N, R1W. | | |
| 3302-02-04-376-010 6031 Newton | MIKE & ARVILLA BATEMAN 6031 Newton Road, East Lansing, MI 48823 | \$1,783.00 |
| Legal Desc: M 4-42-2-2 Beg on the N-S ¼ line of said Sec 4 at a pt 397 ft, N 01 deg 40' 10" E of S ¼ cor of Sec 4, th N 88 deg 20' W, 233 ft; th N 01 deg 40'10"E, 200 ft; th S 88 deg 20 min. E 233 ft; th S 01 deg 40 min 10 Sec W, 200 ft on the N-S ¼ line of Sec 4 to pt of beg. exc the N ½, Sec 4, T4N, R1W. | | |
| 3302-02-04-400-003 6025 Newton | MERIDIAN CHARTER TOWNSHIP 5151 Marsh Road, Okemos, MI 48864 | \$8,608.00 |
| Legal Desc: M4-44-1-2 Beg at S ¼ cor of Sec 4, th E along Sec line 482.9 ft, th N at rt angles to sec line 520 ft, th W pll to Sec line 481.6 ft to N & S ¼ sec line, th S along ¼ sec line 520 ft to pt of beg, Sec 4, T4N, R1W. | | |
| TOTAL | | \$66,545.00 |

MEMORANDUM

TO: Township Board

FROM: 
 Mark Kieselbach
 Director of Community Planning and Development


 Gail Oranchak
 Principal Planner

DATE: July 30, 2015

RE: Final Plat #05012 (George F. Eyde Limited Family Partnership and Louis J. Eyde Limited Family Partnership), Georgetown No. 3

The Township Board approved the final preliminary plat for Georgetown, (consisting of 158 single family lots on approximately 131 acres), on June 20, 2006 and reapproved it for the remaining 77 lots on March 5, 2013. At this time, the developer is requesting final plat approval for Georgetown No. 3; it consists of 55 single family lots and occupies approximately 52 acres of land located east of Powell Road. The final plat for the first phase of the subdivision consisting of 42 single family lots on 35 acres was approved by the Board on April 15, 2008 and the 39 lot Georgetown #2 on approximately 20 acres was approved on November 8, 2008 and re-approved on March 17, 2009.

The purpose of the final plat is to ensure completion of public and private improvements and consistency with the approved final preliminary plat prior to the sale of lots. The site is zoned RA (Single Family-Medium Density) with a Planned Residential Development Overlay; all lots meet or exceed the requirements of the zoning district and the applicable conditions of the final preliminary plat have been met. The applicant has submitted a financial guarantee to cover the cost of pathways, pathway fencing and one open space sign.

Township Board Options

The Township Board may approve or deny the final plat based on compliance with the Land Division Act, the Township's Land Division Ordinance, and consistency with the approved preliminary plat.

The State Land Division Act requires the Township act on a final plat request within 20 days of submittal of a complete application. The application was deemed complete on July 27, 2015; therefore, the Township must complete its review by August 16, 2015.

Attachments

1. Resolution
2. Final Preliminary plat approval letter, dated March 5, 2015
3. Final Preliminary Plat approval letter, dated June 23, 2006
4. Approved preliminary plat
5. Final plat

**Resolution to APPROVE
Final Plat #05012 (Eyde)
Page 2**

I, the undersigned, the duly qualified and acting Clerk of the Charter Township of Meridian, Ingham County, Michigan, DO HEREBY CERTIFY the foregoing is a true and complete copy of a resolution adopted at a regular meeting of the Township Board on the 4th day of August 2015.

Brett Dreyfus, CMMC
Township Clerk

CHARTER TOWNSHIP OF MERIDIAN

Elizabeth Ann LeGoff Supervisor
Brett Dreyfus Clerk
Julie Brixie Treasurer
Gerald J. Richards Manager



Milton Scales Trustee
Ronald Styka Trustee
John Veenstra Trustee
Angela Wilson Trustee

March 11, 2013

Mark Clouse
Financial and Legal Counsel
Eyde Company
4660 S. Hagadorn Road, Suite 660
PO Box 4218
East Lansing, MI 48826-4218

RE: Final Preliminary Plat #05012 Georgetown

Dear Mr. Clouse:

The Township Board, at its regular meeting held on March 5, 2013, voted to approve the final preliminary plat for the remaining 77 lots in the Georgetown subdivision, located east of Powell Road, west of Cornell Road and south of Tihart Road. Approval of the final preliminary plat was granted with the following condition:

1. All applicable conditions placed on Final Preliminary Plat #05012 shall remain in effect.

Final Preliminary Plat approval is valid for a period of two (2) years. Consequently, the final preliminary plat for Georgetown is valid until March 5, 2015. The final preliminary plat may be extended if a request for an extension is submitted to the Township prior to the expiration of the two (2) year period. A copy of the previous approval letter dated September 23, 2010 is attached indicating the conditions that have been placed on Final Preliminary Plat #05012

If you have any questions regarding this matter, please contact me.

Sincerely,

Mark Kieselbach
Director of Community Planning and Development

Enclosure

5151 MARSH ROAD, OKEMOS, MICHIGAN 48864-1198 (517) 853-4000 FAX (517) 853-4096

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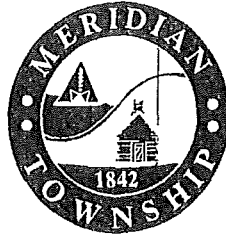
Mark Clouse
March 11, 2013
Page 2

cc: Curtis Hertel, Jr., Ingham Ingham County Plat Board
Patrick Lindemann, Ingham County Drain Commissioner
Francisco Llinas, Ingham County Road Commission
Ray Severy, Director of Public Works and Engineering
John Heckaman, Chief Building Inspector

G:\planning\glo\case management\plata\05012\2013 re-approval\approval aletter

CHARTERED TOWNSHIP OF MERIDIAN

Susan McGillicuddy Supervisor
Mary M.G. Helmbrecht Clerk
Bruce D. Hunting Treasurer
Gerald J. Richards Manager



Julie Brixie Trustee
Andrew J. Such Trustee
John Veenstra Trustee
Anne M. Woiwode Trustee

June 23, 2006

Mark Clouse
Financial and Legal Counsel
Eyde Company
4660 S. Hagadorn Road, Suite 660
PO Box 4218
East Lansing, MI 48826-4218

RE: Final Preliminary Plat #05012 (Georgetown)

Dear Mr. Clouse:

The Township Board, at its regular meeting held on June 20, 2006, voted to approve the final preliminary plat for Georgetown, a single family subdivision of 158 lots located south of Tihart Road, east of Powell Road and west of Cornell Road. Approval of the final preliminary plat was granted with the following conditions:

1. Approval is granted in accordance with the final preliminary plat prepared by KEBS, Inc. dated February 14, 2006, indicating 158 single family lots, subject to revisions as required. Any revisions to the layout of the plat shall be subject to the Township's approval.
2. Construction shall not commence until the applicant has obtained all necessary permits and approvals from the Ingham County Drain Commissioner, Ingham County Road Commission and the Township. Copies of all permits and approval letters shall be submitted to the Department of Community Planning and Development.
3. Construction shall not commence until the applicant has obtained a Letter of Map Amendment (LOMA) from the Federal Emergency Management Agency for the subject site based on the surveyed floodplain. A copy of the LOMA shall be submitted to the Department of Community Planning and Development.
4. Final utility plans shall be subject to the approval of the Director of Public Works and Engineering and shall be completed in accordance with Township Engineering Design and Construction Standards.
5. Storm sewer leads shall be provided to each lot in the subdivision. The final location of the leads shall be subject to the approval of the Director of Public Works and Engineering. All residences constructed in the subdivision shall be connected to the leads.
6. An overall grading plan for the subdivision shall be required with detailed construction plans, prior to issuance of any building permits.

5151 MARSH ROAD, OKEMOS, MICHIGAN 48864-1198 (517) 853-4000 FAX (517) 853-4096

<http://www.twp.meridian.mi.us>

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7. Paved shoulders shall be constructed along the frontage of the plat on Powell Road and Tihart Road and the major trees along these roadways shall be protected. The tree preservation and the actual placement of the pathways and/or paved shoulders shall be subject to the approval of the Director of Community Planning and Development. In lieu of constructing the paved shoulders, the applicant shall provide to the Township a bond in the amount of construction costs so that the paved shoulders or separate pathway can be built once the design and location have been determined by the Township. The paved shoulders shall be built in accordance with Township Engineering Design and Construction Standards.
8. A seven foot wide concrete pathway is required along the frontage of the plat on Cornell Road. In lieu of constructing the pathway, the applicant shall provide to the Township a bond in the amount of the construction costs, so the pathway can be built once the design and location have been determined by the Township.
9. A five foot wide concrete sidewalk shall be constructed along both sides of all streets within the subdivision. The sidewalk shall be designed and constructed in accordance with Township Engineering Design and Construction Standards.
10. The applicant shall construct an eight foot wide off-road pathway, which meets the requirements of the Americans with Disabilities Act, connecting the two phases of the development between Lots 116 and 117 and Lots 153 and 154. The design and location of the pathway shall be subject to the approval of the Director of Public Works and Engineering. The pathway shall be built in accordance with Township Engineering Design and Construction Standards.
11. The applicant has agreed to grant the Township a 15 foot wide easement for a pathway to run north of Township Wetland #14-19, in the southwest corner of the site, then west of Lots 82 and 83, connecting to the sidewalk south of Lot 82.
12. The applicant has agreed to grant the Township a 15 foot wide easement for a pathway running along the Foster Drain. This easement shall be shown on all plans.
13. Trees #1 through #7, Tree #9, Trees #17 through #22, and Trees #27 through #42, as shown on the revised Open Space Plan received by the Township on September 8, 2005, shall be preserved. All plans, deed restrictions and the subdivision's covenants, codes and restrictions shall identify these trees and the location of these trees. All trees to be preserved shall be protected during construction using the standards outlined in Section 22-179 of the Code of Ordinances. No construction shall occur until tree protection has been installed and approved by the Director of Community Planning and Development.
14. Street trees, where appropriate, shall be required along Tihart Road, Cornell Road and Powell Road. Street trees shall be required throughout the subdivision along all internal roads. Species and location of the trees shall be subject to the approval of the Director of Community Planning and Development and the Ingham County Road Commission.
15. Other than those areas subject to a wetland use permit, no buildings, accessory structures, structural appurtenances, or grading shall be permitted in the regulated wetlands.
16. A deed restriction shall be recorded acknowledging the presence of the water feature setback and referencing the appropriate Township regulation on lots which contain a water feature setback.

Mr. Mark Clouse

June 23, 2006

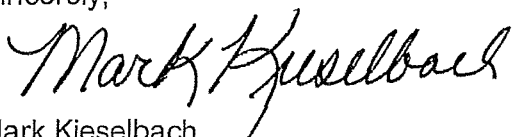
Page 3

17. The natural vegetation strip shall be clearly identified with permanent markers. The size, number and location of markers, and the language on the markers shall be subject to the approval of the Director of Community Planning and Development.
18. The preserved open space areas shall be clearly identified with permanent markers. The size, number and location of markers, and the language on the markers shall be subject to the approval of the Director of Community Planning and Development.
19. The preserved open space areas shall be designated on all plans. The preserved open space areas shall be deeded to the homeowner's association, a land conservancy, the Township or otherwise protected in a manner acceptable to the Township.
20. Prior to any construction or grading on the site, the applicant shall install silt fencing at the upland edge of the water features setback and at the floodplain elevation. After construction, the fencing shall be removed once the area is stabilized.
21. Any wellhead(s) located on the site shall be properly closed and abandoned per the requirements of the Ingham County Health Department and the Township, prior to the issuance of any permit for construction activity, including grading permits.
22. A copy of the information which exists on computer for the plat and construction plans shall be provided to the Township Engineering staff in an Auto Cad compatible format.
23. A specified route for construction traffic shall be established in cooperation with the applicant and subject to the approval of the Director of Community Planning and Development.

Final preliminary plat approval is valid for a period of two (2) years. Consequently, the final preliminary plat for Georgetown is valid until June 20, 2008. The final preliminary plat may be extended if a request for an extension is submitted to the Township prior to the expiration of the two (2) year period.

If you have any questions regarding this matter, please contact me.

Sincerely,



Mark Kieselbach
Director of Community Planning and Development

cc: Paula Johnson, Ingham County Plat Board
Patrick Lindemann, Ingham County Drain Commissioner
Francisco Llinas, Ingham County Road Commission
Matt Ottinger, KEBS, Inc.
Ray Severy
John Heckaman

MEMORANDUM

TO: Township Board


FROM: Frank L. Walsh
Frank L. Walsh, Township Manager

DATE: July 30, 2015

RE: **Amendments to the Freedom of Information Act (FOIA) Procedures and Guidelines**

During the July 7, 2015 Board meeting, Trustee Wilson indicated a desire to revisit the recently approved Freedom of Information Act (FOIA) policy in regards to offering a couple of minor amendments. Trustee Scales supported her request. After the meeting I asked Trustee Wilson if we could hold off until August 4 given the Avenue on the Grand project taking up such a significant amount of Board time on July 21. Trustee Wilson agreed to wait until August 4 to offer amendments.

MEMORANDUM

TO: Meridian Township Board
FROM: 
Deborah Guthrie, Communications Director/PIO
DATE: July 27, 2015
SUBJECT: Budget Amendment: Reallocation of Cable TV Funds for Audio Engineering Project

Attached is a contractual proposal from Convergent Media Designs, LLC in the amount of \$31,521 to resolve the audio issues and upgrade the audio system in the town hall room.

On June 23rd, we discovered that half of the microphones would no longer function in the town hall room. Upon further investigation, technicians from Convergent Media Designs, LLC along with staff determined that the wiring leading from the dais through the floor to the ceiling of the Supervisor's Office and then back into the ceiling of the town hall room to the PA system had shorted out. We believe this wiring was either installed when the building was built in 1972 or when the HOMTV audio/video system was installed in 1979.

Staff has been looking at replacing and upgrading the audio cabling in the town hall room as part of the 5 year equipment plan and long term vision with the Cable Communications Commission. While upgrades were being anticipated for wiring from the PA to the control room for 2016, the current unforeseen technical issues need to be addressed immediately. Staff believes the issues occurred during the town hall renovations and are seeking an insurance claim. Staff recommends utilizing the services of Convergent Media Designs, LLC to complete the work.

The Communications Department Special Revenue Fund supports the ability to pay for the project. Additional revenues in 2015 have been received from the AT&T audit in the amount of \$11,500 and the Comcast Transfer Settlement amounting to \$12,500 totaling \$24,000 which can be used to purchase the necessary equipment. In addition, the technical audit of the Comcast system came under budget at \$14,865; supporting the ability to replace the system.

A small portion of this project (\$2,000) was already budgeted for the replacement of the town hall mics and bases.

MOVE TO APPROVE AN INCREASE IN THE CAPITAL LINE ITEM BUDGET OF \$24,000 AND REALLOCATION OF FUNDS FROM THE CONTRACTUAL LINE ITEM TO THE CAPITAL LINE ITEM IN THE AMOUNT OF \$14,865 FOR THE TOWN HALL ROOM AUDIO REPLACEMENT AND UPGRADE.



Convergent Media Designs, LLC

235 E Maple St. Mason, MI 48854

Media System Consulting . Integration . Client Advocacy

July 18, 2015

Proposal for Consulting, Design, and Integration Services

Convergent Media Designs, LLC (CMD) proposes to provide consulting, system design, and integration services on behalf of HOM TV located at Meridian Township, Michigan for the purpose of rebuilding the township office boardroom audio and presentation systems.

Project Summary:

In consultation with Deborah Guthrie, Communications Director/PIO, Meridian Township, CMD has identified the needs for system operations and has proposed the key components and system design to replace the obsolete and now failing boardroom audio and video presentation equipment. When complete, the systems will provide reliable public address audio and recording functions, and will provide upgraded functionality for meeting presenters.

Specifically, the replacement systems will include new microphones for township board members, wireless microphones for public participants and ad hoc meetings, new speaker systems, automatic mixer with digital audio compressor & limiter functions, scan conversion for laptops, and a new document camera system to enhance the resolution of materials presented during meetings.

Project Budget:

| | |
|----------------|----------|
| Equipment: | \$23,021 |
| Labor: | \$8,500 |
| Project Total: | \$31,521 |

Convergent Media Designs, LLC welcomes and encourages the input of all stakeholders associated with our projects. Thank you for the opportunity to work with HOM TV and Meridian Township.

Sincerely,

Richard C. Tibbals, Principal Consultant

Brian R. Kusch, Senior Design Engineer

Accepted:

For HOM TV and Meridian Township:

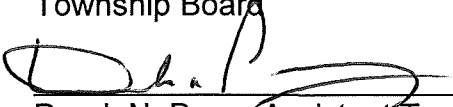
For Convergent Media Systems, LLC:

| QTY | Description | Brand | Model | price | ext price |
|--|--|-----------------|------------------|------------------|---------------------|
| Direct Replacement + Optional AV upgrades | | | | | |
| 12 | Desktop Microphone | Shure Microflex | MX412D/S | \$ 229.00 | \$ 2,748.00 |
| 1 | 20a Power conditioner | Furman | PL-PLUS-DMC | \$ 210.00 | \$ 210.00 |
| 1 | Audio Mixer | Lectrosonics | DM1624F | \$ 4,000.00 | \$ 4,000.00 |
| 1 | Audio Mixer | Lectrosonics | DM812 | \$ 2,300.00 | \$ 2,300.00 |
| 4 | Speakers (pairs) | Extron FF220T | 42-141-03 | \$ 290.00 | \$ 1,160.00 |
| 1 | 100w/channel 70v audio amp stereo | Extron | 60-1302-01 | \$ 574.00 | \$ 574.00 |
| 1 | Remote Volume Control | Extron VC50 | 70-530-02 | \$ 30.00 | \$ 30.00 |
| 1 | Rack shelf | Extron | 60-604-02 | \$ 34.00 | \$ 34.00 |
| 1 | Utility Wireless (handheld) | Shure | ULXS24/BETA58-G3 | \$ 739.00 | \$ 739.00 |
| 1 | Front mount antennae mount kit | Shure | UA600 | \$ 44.00 | \$ 44.00 |
| 1 | Shure single rack mount kit | Shure | UA506 | \$ 23.00 | \$ 23.00 |
| 1 | Press Feed 1x 6 | Whirlwind | PB06 | \$ 270.00 | \$ 270.00 |
| 4 | Quiet Cooling fans | Orion | OA125AP11-3TB | \$ 18.00 | \$ 72.00 |
| 4 | Fan power cords | Orion | FAN-CD6 | \$ 4.00 | \$ 16.00 |
| | | | | Sub total | \$ 12,220.00 |
| 2 | 1000' audio cable | Belden | 8761 | \$ 418.00 | \$ 836.00 |
| 1 | 250' audio cable for drop cords | Belden | 8412 | \$ 338.00 | \$ 338.00 |
| 20 | XLR cable ends Female | Neutrik | NC3FX | \$ 3.00 | \$ 60.00 |
| 20 | XLR cable ends Male | Neutrik | NC3MX | \$ 2.50 | \$ 50.00 |
| 6 | Dual F-XLR single gang plate | Markertek | WPL-1116 | \$ 15.00 | \$ 90.00 |
| 4 | Single F-XLR single gang plate | Markertek | WPL-1114 | \$ 15.00 | \$ 60.00 |
| 2 | 4 x XLR panel mounts Female (size tbd) | Custom | | \$ 60.00 | \$ 120.00 |
| 1 | 2 x XLR panel mounts Female (size tbd) | Custom | | \$ 40.00 | \$ 40.00 |
| 1 | 1 x XLR panel mounts Female (size tbd) | Custom | | \$ 15.00 | \$ 15.00 |
| 1 | AV connection panel (size tbd) | Custom | | \$ 50.00 | \$ 50.00 |
| 1 | Misc mounting hardware | | | \$ 200.00 | \$ 200.00 |
| 1 | Surface mount conduit & fittings | | | \$ 150.00 | \$ 150.00 |
| 1 | Cables for podium/laptop/Doc Cam | | | \$ 125.00 | \$ 125.00 |
| | | | | Sub Total | \$ 2,134.00 |

| Video Scaling/Presentation | | | | | | |
|-----------------------------------|----------------------------------|----------------|-------------|---------------------------|---------------------|---|
| 1 | DTP 1 x 4 transmitter | Extron | 60-1437-01 | \$ 1,618.00 | \$ 1,618.00 | |
| 1 | Extron mounting 2 gagn box | Extron | 60-1293-02 | \$ 120.00 | \$ 120.00 | |
| 2 | Extron 9' DTP non -plenum cable | Extron | 26-702-09 | \$ 22.00 | \$ 44.00 | |
| 3 | Extron 25' DTP non -plenum cable | Extron | 26-702-25 | \$ 34.00 | \$ 102.00 | |
| 3 | Extron 50' DTP non -plenum cable | Extron | 26-702-50 | \$ 55.00 | \$ 165.00 | |
| 1 | Extron 35' DTP non -plenum cable | Extron | 26-702-35 | \$ 35.00 | \$ 35.00 | |
| 1 | Extron 75' DTP non -plenum cable | Extron | 26-702-75 | \$ 74.00 | \$ 74.00 | |
| 1 | DTP transmitter 232 | Extron | 60-1366-13 | \$ 630.00 | \$ 630.00 | |
| 4 | DTP reciever 232 | Extron | 60-1271-13 | \$ 270.00 | \$ 1,080.00 | |
| 1 | HDMI to HD-SDI converter | AJA | HA5 plus | \$ 395.00 | \$ 395.00 | |
| 1 | Under Desk rack mount | Extron | 70-1085-01 | \$ 50.00 | \$ 50.00 | |
| 1 | Digital audio combiner/snake | Roland | | \$ 3,100.00 | \$ 3,100.00 | |
| 1 | Podium | Oklahoma Sound | LCTWIZARDCH | \$ 654.00 | \$ 654.00 | http://www.podiums2go.com/P-15770/Media-Enabled-Floor-Lecterns-for-Portable-Presentations?st=Category&sid=29067 |
| 1 | Doc Camera | Elmo | TT-12ID | \$ 600.00 | \$ 600.00 | |
| | | | | Sub Total | \$ 8,667.00 | |
| | | | | Equipment Total | \$ 23,021.00 | |
| | | | | Installation Labor | \$ 8,500.00 | |
| | | | | Project Total | \$ 31,521.00 | |

MEMORANDUM

TO: Township Board

FROM: 
Derek N. Perry, Assistant Township Manager
Director of Public Works & Engineering

DATE: August 4, 2015

RE: **Greater Lansing Taxi Authority Designee Request**

As you may recall, at the May 19, 2015 Township Board meeting, the Board requested membership in the newly created Greater Lansing Taxi Authority (GLTA). As part of the GLTA, Meridian Township was to have representation on the Board.

As they indicated, we recently received a formal request for an official Meridian Township designee to serve on the Greater Lansing Taxi Authority and are asking that the Board select a member to serve. As the invite letter states, the first meeting is scheduled to be held on August 13, 2015 and they plan to hold meetings the second Thursday of each month and hold them throughout the region.

- Designee request letter from Ms. Marie Wicks-GLTA
- Township Board Resolution Requesting Membership in GLTA



GREATER LANSING TAXI AUTHORITY

July 29, 2015

MEMBERS

Chair
Randy Hannan
City of Lansing

Vice Chair
Scott House
City of East Lansing

Treasurer
Virginia Haas
City of East Lansing

Lieutenant Steve Gonzalez
City of East Lansing

Andrew Kilpatrick
City of Lansing

Captain Jim Kraus
City of Lansing

EX OFFICIO

Dale Feldpaush
Capital Region
International Airport

Janet Lillie, PhD
Office of Governmental Affairs
Michigan State University

Julie Pingston
Greater Lansing
Convention & Visitors Bureau

Recording Secretary
Marie E. Wicks
(517) 319-6881

Administration:
City of East Lansing
CITY CLERK DEPARTMENT
410 Abbot Road
East Lansing, MI 48823

(517) 337-1731
www.cityofeastlansing.com

Dear Frank,

On behalf of Mayors Bernero and Triplett, as well as Chairman Hannan, I am pleased to invite Meridian Township to appoint a designee to serve on the Greater Lansing Taxi Authority (GLTA) Board. As you may know, this Authority is the first and only of its kind in the State of Michigan. The purpose of the Authority is to implement a regional regulatory scheme that will provide for consistent standards of safety and professionalism throughout the Mid-Michigan area. Thus far, we have received mostly positive feedback from cab operators who appreciate the single point for licensure application, as well as the fact that the Authority voted not to raise cab company and driver application fees. Based on concerns expressed by some company owners and prospective board members, the Authority also voted to extend compliance with the three-car minimum and meter implementation to June 30, 2016.

Going forward, the Authority will meet on the second Thursday of the month. The next meeting will be held on August 13, 2015 in the Executive Board Room of the Hannah Community Center, 819 Abbot Road, East Lansing. The Authority will maintain this schedule through the end of the calendar year and the hope is to rotate meeting locations throughout the region in order to be as accessible and transparent as possible.

We look forward to hearing from you and to your future participation on the GLTA. We have come a long way but there is much to be done and your jurisdiction is a key part of moving this important and sensible regional effort forward. At your earliest convenience, please convey to me as recording secretary, your jurisdiction's designee so that we can add her or his contact information to our e-mail distribution list. Of course, if you have any questions, please contact me directly at 517-319-6881.

Sincerely,

Marie E. Wicks

Marie E. Wicks
Recording Secretary
Greater Lansing Taxi Authority

RESOLUTION

Greater Lansing Taxi Authority (GLTA)

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 19th day of May 2015, at 6:00 p.m., Local time.

PRESENT: Supervisor LeGoff, Clerk Dreyfus, Treasurer Brixie, Trustees Scales, Styka,
Veenstra, Wilson

ABSENT: None

The following resolution was offered by Trustee Styka and supported by Trustee Wilson.

WHEREAS, the City of East Lansing and the City of Lansing have entered into a Municipal Partnership Agreement under the Municipal Partnership Act, 2011 PA 258, MCL 124.111 *et seq.*, creating the Greater Lansing Taxi Authority (GLTA) pursuant to the Public Transportation Authority Act, 1986 PA 196, MCL 124.451 *et seq.*; and

WHEREAS, the purpose of the GLTA is to establish a single entity to license and regulate taxicab companies and taxicab drivers thereby providing uniformity regardless of jurisdictional boundaries; and

WHEREAS, uniformity in licensing and regulation of taxicab companies and taxicab drivers is desirable for the health, safety and welfare of the public as well as desirable for the efficient and seamless operations of taxicab companies and drivers and efficient and seamless transportation of customers; and

WHEREAS, the GLTA representatives made a formal presentation to the Meridian Charter Township Board at its regularly scheduled meeting on May 7, 2015 and requested that Meridian Charter Township participate in the Authority; and

WHEREAS, the Municipal Partnership Agreement between the City of East Lansing and the City of Lansing creating the GLTA was amended to exclude Meridian Charter Township from any financial obligations for deficits incurred by the Authority.

NOW, THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby requests membership in the Greater Lansing Taxi Authority.

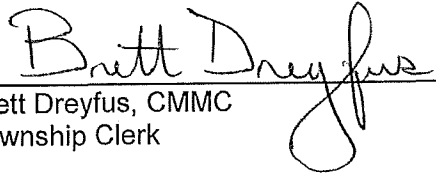
ADOPTED: YEAS: Trustees Scales, Styka, Wilson, Supervisor LeGoff, Clerk Dreyfus,
Treasurer Brixie

NAYS: Trustee Veenstra

5.19.15
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STATE OF MICHIGAN)
) ss
COUNTY OF INGHAM)

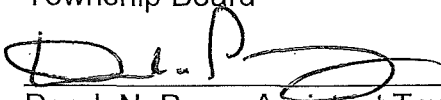
I, the undersigned, the duly qualified and acting Clerk of the Charter Township of Meridian, Ingham County, Michigan, DO HEREBY CERTIFY that the foregoing is a true and a complete copy of the resolution adopted at a regular meeting of the Township Board on the 19th day of May 2015.

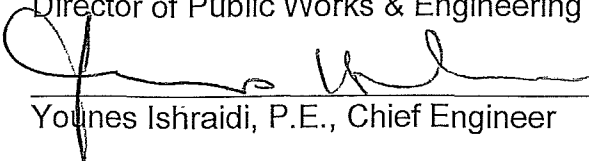


Brett Dreyfus, CMMC
Township Clerk

MEMORANDUM

TO: Township Board

FROM: 
Derek N. Perry, Assistant Township Manager
Director of Public Works & Engineering


Younes Ishraidi, P.E., Chief Engineer

DATE: July 30, 2015

RE: Daniel's Drain/ Walden Pond

As the Township Board requested, we have attached a memo from representatives of the Walden Pond Condominium Association detailing all the adverse environmental and economic impacts caused by current conditions of the pond and the supporting drain infrastructure. In addition, we have also included a draft field and hydrological assessment created at the behest of and funded by the Walden Ponds Association. The study, by GEI Consultants, is a technical report which includes analysis and recommendations of the problems and potential solutions to improve the performance and long term viability of the Daniels Drain/Walden Pond.

In regards to costs, we estimate the total assessments to accomplish the necessary improvements indicated in the two attached documents to be one to two million dollars. This is partially based on examining similar projects, such as the Briarwood Drain and pond project completed several years ago and other drain projects we have been involved in over the past several years.

As indicated at the Township Board meeting on July 21, 2015, the only way to begin a project to correct the indicated drain problems is to have one of the jurisdictional municipalities petition the Ingham County Drain Commissioner to start the process. The staff is requesting direction from the Township Board on whether to proceed with the formal petition request and to have it placed on the upcoming August 18, 2015 Township Board agenda for action.

- Necessity of Daniels Drain improvements narrative
- GEI Consultants report

NECESSITY OF DANIELS DRAIN IMPROVEMENTS
EXECUTIVE SUMMARY

1. **HISTORY:** The Daniels Drain is a Chapter 20 drain created in the 1970s to provide drainage of certain lands largely located south of Grand River Avenue (M-43) in Okemos between Marsh and Cornell Roads. The constituent public entities of this Chapter 20 drain are Meridian Township, Ingham County Road Department and the Michigan Department of Transportation ("MDOT"). The drainage district includes a detention pond which was designed with an inlet of 48 inches from the south and one outlet of 18 inches to the north where it discharges to a pipe located under Grand River Avenue. In the late 1980s, a 144 unit condominium complex was built around the approximate 2.5 acre pond; that complex is owned by The Ponds Cooperative Homes, Inc. ("The Ponds"), which was formed as nonprofit corporation. Other than general maintenance, the drain has received no other attention, although the Drain Commissioner with funds provided by Meridian Township and The Ponds paid for a study in early 2015 to reassess the surface water drainage for possible future reapportionment of Drain District costs.

2. **PHYSICAL CONDITION OF THE DRAIN:** The pond, as initially enjoyed by The Ponds, was encircled by desirable wetland and wood vegetation, as well as improved asphalt trails and outdoor lighting. The pond supported normal aquatic vegetation and a healthy fish population. The pond benefited not only the condominium unit owners and residents but also other nearby residents and visitors who can gain access from the north and south of the condominium complex. Conditions have deteriorated over time due to the evolved drainage. The 2.5 acre pond actually drains additional water from the south as another 40 inch plus drain inlet was added to the south. In addition, sheet and other drainage from the north has increased due to the expansion of Grand River Avenue from two lanes to five lanes. The 2015 study for the Drain Commissioner has confirmed the increase in drainage area. The pond has received sediments that have accumulated in the pond; pond water levels have increased; drain pipes have deteriorated to the point that sinkholes have developed, and the connecting pipe from the pond to the north side of Grand River Avenue has collapsed.

3. **ENVIRONMENTAL STATUS OF DRAIN:** As largely supported by the attached draft report of GEI Consultants, the Daniels Drain has caused serious environmental damage to the pond and likely damage underneath the pond and in downstream waters from the pond. Testing of sediments in the pond show elevated chlorides and phosphorus. Chlorides are largely the result of nearby road salt application by both MDOT and the Ingham County Road Department. Phosphorus is largely the result of fertilizer application, particularly from neighborhoods west, south and east of The Ponds complex. The Ponds has not used chloride and phosphorus fertilizers. The turbid condition of the pond and chlorides found in the pond have destroyed healthy aquatic vegetation. In addition, the phosphorus in certain areas close to the bank has created algal blooms. Very likely, groundwater is contaminated as the pond does not appear to have an impermeable bottom or liner. Those conditions, along with the sediment addition, have resulted in a substantial loss of the previous fish population.

Furthermore, the sedimentation, along with drain pipe collapse at the outlet and the added water from two inlets, has caused pond water levels to rise, inundating wetland vegetation and trees which have died. In fact, over 75 trees have died. The pollution and impairment of natural resources is severe and substantial.

4. **IMPACT ON THE PONDS FROM DANIELS DRAIN.** The Ponds faces a significant crisis as the condition of the pond is vital for maintaining and attracting condominium unit owners. The recent recession in particular has caused The Ponds to take over 40 units which should be brought back on the market and sold to insure the nonprofit entity's survival. The continued uncertainty and delay affects the retention of existing unit owners, possible resale of repossessed units and normal sale and purchase of existing units. The Ponds also cannot make vital long term improvements to parking areas or add features such as a community center for its residents, when those areas could be torn up and required for the drain in the future. The Ponds is finally saddled with significant safety issues posed by sinkholes, flooding that occurs with heavy rains and poor drainage, and inadequate trail lighting caused by electrical shorting resulting from elevated water around the pond.

5. **NEEDED COUNTERMEASURES AND IMPROVEMENTS.** The Daniels Drain requires prompt and significant improvements. Based on discussions with the Drain Commissioner and GEI Consultants, which has considerable experience in drain matters, The Ponds submits that sediments from the existing pond and drains must be removed, the existing pond must be lined and enlarged, existing pipes (which may not have reinforced concrete or other suitable structure) must be replaced, and forebays and rain gardens must be added to properly manage storm water and prevent or minimize future pollution. The Ponds, in addition to accepting the process for a reasonable and fair apportionment of its share to future project costs, stands ready to assist a project through possible contribution of property for forebays and rain gardens, temporary storage of excavated material and possible acceptance and deposit of sediments on its property, as long as they are not severely contaminated. This project appropriately should be timed to take advantage of MDOT's current commitment to provide resources and in anticipation of possible future needs for this transportation corridor. The Drain Commissioner is prepared for this project as soon as a drain petition is filed.

THE PONDS URGENTLY ASKS THE TOWNSHIP TO APPROVE A DRAIN PETITION.

Submitted on behalf of The Ponds

Charles E. Barbieri
Foster Swift Collins & Smith, PC
313 S. Washington Square
Lansing, MI 48933
Email: cbarbieri@fosterswift.com
Telephone: 517-371-8155

Client-Attorney Privileged Technical Memo (In Draft)

To: Charles (Chuck) Barbieri, Foster Swift
 From: Stu Kogge, PWS and Scott B. Dierks, PE, GEI Consultants
 Date: July 30, 2015 (Update to June 30, 2015 Draft Version)
 Re: The Ponds – Daniels Drain – Field & Hydrologic Modeling Assessments

This Technical Memorandum summarizes our on-site, desktop and hydrologic modeling assessments of the water feature (pond) and its surrounding lands located within The Ponds Cooperative Homes, Inc. (The Ponds). These represent the authorized Tasks 1 through 3 of our contract agreement dated May 21, 2015. The pond is part of the Daniels Drain, an Ingham County designated drain, pursuant to Michigan's Drain Code (Public Act 40 of 1956). The assessment area includes an approximate 2.8 acre pond and its surrounding lands, located within The Ponds which is south of Grand River Avenue, east of Dobie Road, in Meridian Township, Ingham County, Michigan.

GEI's scope of services was to review all available documents and correspondence pertaining to the pond and its associated wetlands; to conduct field assessments and create a hydrologic model of the pond and its drainage area to substantiate and/or provide additional pertinent information relative to the eventual petition for maintenance work on the Daniels Drain and the associated pond.

The history of the pond that we could reconstruct from available drawings, appears to indicate that the pond was constructed sometime in the early 1970s. The pond pre-dates The Ponds development. The original drainage area shown in the drawings indicates that it would take drainage from areas to be developed to the southwest and southeast of the pond. Also, it appears likely that the drainage area the pond was originally designed for has been expanded several times since the pond's original construction.

The following is a bulleted summary of GEI's review of the existing and recently collected data as well information already provided to assist with meetings attended by MDOT, MDEQ, Meridian Township, and Ingham County Drain Commissioner staff:

Desktop Review (includes some literature reviews):

- Chlorides may get into surface water from several sources including:
 - 1) rocks containing chlorides;
 - 2) agricultural runoff;
 - 3) wastewater from industries;
 - 4) oil well wastes;
 - 5) effluent wastewater from wastewater treatment plants, and;
 - 6) road salting.

GEI suspects road salts may be the main contributor to elevated chlorides in the pond. Sources of road salt runoff can be from the parking lots associated with The Ponds, the upstream developments and from Grand River Avenue

- Long term exposure to chloride levels above 400 mg/liter can be toxic to small minnows (fathead minnows) and macroinvertebrates (snails). Long term exposure to chloride levels above 800 mg/liter can be toxic to fish (channel catfish and carp)
- National Aquatic Life Criteria for Chloride lists the current EPA national criteria for chloride for aquatic life protection (EPA 1988).

National
Criteria

Acute 860
mg/l

Chronic 230 mg/l

- Chloride toxicity is linked to hardness/alkalinity – as alkalinity increases so does toxicity (Soucek et. al 2011).
- Chloride concentrations are typically higher in the sediment than they are in the overlying water (Harriss 1967)

Field Assessments:

- Based on aerial photography and field assessments the size of the open water feature (pond) and its associated wetlands were determined to be approximately 2.70 and 0.38 acres in size, respectively.
- The size of the open water feature exceeds 1.0 acres of permanent open water and therefore is defined as a “pond” pursuant to Part 303, Wetland Protection, and Part 301, Inland Lakes and Streams, of the Natural Resources and Environmental Protection Act (NREPA). The wetlands that surround this pond are immediately adjacent to, or also termed contiguous, to this pond are defined as regulated wetlands pursuant to Part 303 of NREPA.
- The general wetland and water quality of the pond was:
 - Very turbid water – there was a high amount of suspended material in the water column
 - The pond likely has high phosphorus concentrations as a result of collecting runoff.
 - Outer margins of the wetlands that surround the pond were mostly comprised of reed canary grass (*Phalaris arundinacea*, an invasive non- native plant species) and narrowleaf cattail (*Typha angustifolia*, another invasive plant but a good one).
 - The shallower and vegetated areas of the pond were comprised mostly of curly leaf pondweed (*Potamogeton crispus*, a non-native invasive species; however, it does provide cover and habitat for fish) and starry stonewort (*Nitellopsis obtusa*, a non-native invasive plant species). There were also a couple native plant species, although they were not dominant.
 - Central/deeper portions of the pond were absent of vegetation – likely due to the high turbidity (blocking sunlight penetration)
 - Deepest portion of the pond was 9 feet (in the central region of the pond); other deep areas of the pond also in the central region of the pond ranged from 6-8 feet.
 - Vegetation seemed to go sparse and then absent once we went over 4 feet in water depth.

- Bottom of pond is “soft bottom” likely covered with detrital, silts and organic matter. Part of the accretion of organic material is likely accelerated by phosphorus fertilizers washing into the pond.
 - Interestingly, found peat at western end by inlet pipe from storm drain – however silty clay and organic material over top of that peat material
 - Material near the southeastern inlet pipe from storm drain was mostly sands and small gravel (likely area of initial deposition of heavier material from point source)
 - Outlet end heavily covered with detrital matter, and silty clay soils (typical of depositional areas)
 - The outlet of the pond/Daniels Drain, at the northeast corner of the pond, bottom substrates were comprised of silts, clays and much more detrital and organic matter, as compared to other areas of the pond. No visual signs of “panfish beds” or other fish in the shallows – not saying they are not there, but it does not appear to be a very productive pond
 - According to Mr. Bob Hearitt, manager of The Ponds, there was a significant “fish winter kill” in winter 2014-2015.
- We looked at the inlets and catch basins along Grand River, the inlets, pipes and catch basins on the grounds of The Ponds and did some “windshield surveys” of the other areas contributing runoff to Walden Pond. Figure 1 shows the location of stormwater features observed and photographs taken. Our preliminary observations include the following:
 - Most drainage within The Ponds is via swale or sheet flow. The parking lots mostly drain to swale features that drain to the pond (Photographs 1, 7 & 8). Most of the swales end up draining over turf grass, with little evidence of erosion at the downstream end of these features.
 - All rooftop downspouts appear to release water on the ground, just off the building walls. Several downspouts actually release water at or near the top of the rise that the buildings sit on above the pond (Photograph 3). In some of these areas, these downspout outlets are causing hillside erosion, with some of that erosion making its way into the pond.
 - Grand River Avenue runoff is contained via curb and gutter. There are several low points with inlets that collect roughly 1,500 linear feet of road runoff and direct it to the pond. There is also a roadside swale along the south side of the road that has two inlets (Photo 4) that appear to take swale drainage to the pond.
 - By far and away the largest drainage area that may contribute the greatest runoff volume is from the developed areas south of the Ponds. The drainage from these areas dumps into the storm sewer (Photograph 6) that empties into the pond. As noted, the majority of the sediment, salt and fertilizers (among other products) may originate from these areas.
 - Most of the drainage area is well-established lawn. Well-kept lawn, while potentially a source of fertilizer in runoff, is not usually a big contributor of sediment. In our experience, we have found that many small, suburban ponds experienced their most intensive sediment loading during and immediately following construction, when the surrounding area was more prone to erosion. The perceived change in pond depth is either a drop in water level or the accumulation of

- organic detritus or some combination of the two.
- There seemed to be some kind of “leakage” or drainage out of the pond beyond the outlet pipe. It is not clear if this was by design or not. Further investigation is required to verify the current situation.
- Collected six (6) sediment samples (five (5) from around the pond and one (1) adjacent to the pond) as shown in Figure 2. These samples were analyzed for chlorides at Fibertec (lab in Holt, MI). The following are descriptions and discussions of their locations, soil characteristics and chloride levels:
 - Sample #1 – within two (2) feet of the Grand River Avenue storm sewer discharge pipe located at the north end of the pond. Bottom soils are loam (mixture of sand and clay) with detrital and organic material on top.
 - Lab analysis: 220,000 ug/l (220 mg/l)
 - Sample #2 – depressed land area (not within the pond) receiving overland runoff from Grand River Avenue right-of-way and lawn area of The Ponds (parallel to Grand River Avenue). A coarse sand and gravel mixture with minimal to no organic material.
 - Lab analysis: non-detectable (less than 100,000 ug/l (<100 mg/l))
 - Sample #3 – northeast outlet end of the pond within 15 feet of riser pipe. Very silty clay texture with high amount of detrital and organic material.
 - Lab analysis: 620,000 ug/l (620 mg/l)
 - Sample #4 – eastern end of the pond in the same location as Meridian Township’s water sample for chlorides was taken. Soils are mixture of sand, silt and clay with a moderate amount of detrital and organic material.
 - Lab analysis: 450,000 ug/l (450 mg/l)
 - Sample #5 – southeastern end of the pond within 25 feet of a storm water discharge pipe to the pond. Soils are mostly coarse to fine grained sands with a minimal amount of detrital and organic material.
 - Lab analysis: 130,000 ug/l (130 mg/l)
 - Sample #6 – western end of the pond within 15 feet of a storm water discharge pipe to the pond. Soils are mostly silty clay with minimal detrital and organic material overtop of fibrous peat.
 - Lab analysis: 550,000 ug/l (550 mg/l)

Preliminary Analysis of Field Data:

- The highest concentrations of chlorides were found at the storm water discharge pipe at the western end of the pond (550 mg/l) and the outlet at the eastern end of the pond (620 mg/l). The eastern end of the pond also had a high level of chlorides (450 mg/l) in the sediments. The high level of chlorides at these locations appears to be associated with high level inputs from the western storm sewer and accumulation of chlorides in the eastern end/outlet of the pond.
- Chloride levels within the surface water samples taken by Meridian Township showed similar concentrations to those of the bottom sediments in the eastern end of the pond (445 mg/l in the surface water sample taken 5/7/2015 and 450 mg/l in the sediments).
- Chloride levels within the surface water samples taken by Meridian Township showed higher concentrations to those of the bottom sediments in the northern end of the pond (448 mg/l in the surface water sample taken 5/7/2015 and only

220 mg/l in the sediments). This could represent a recent flush of water high in chlorides from this outfall.

- Chloride levels within the surface water samples taken by Meridian Township showed lower concentrations to those of the bottom sediments in the western end of the pond (448 mg/l in the surface water sample taken 5/7/2015 and 550 mg/l in the sediments). This could represent an accumulation over time of chlorides in the bottom substrates.
- There has been sediment loading to the pond from all of the storm sewers; however, the southern storm sewer appears to show a greater amount of coarse-grain sediment discharge as observed by the large plume of coarse sand within the small channel that leads into the pond. This channel collects much of the stormwater from offsite and to the south. This appears to be where the majority of runoff and associated pollutants come into the pond.
- Collectively, the water and sediment samples obtained by Meridian Township and GEI show elevated chloride levels within the pond.

Hydrologic Assessment

For the hydrologic assessment, we created a model of Walden Pond and its contributing watershed. The goal of the hydrologic assessment was to determine the relative contributions of flow to the pond, inflow and outflow rates and change in pond depths for the 1-year, 10-year and 100-year rainfall events.

Following review, the Ingham County Drain Commissioner's watershed delineation for the pond was used as the contributing watershed in the hydrologic model. We also used the original design drawings for the pond layout. We measured the pond outlet structure characteristics in the field. It is not clear from the drawings if that outlet structure was original or added on at some point following pond construction. We did not perform an as-built survey on the pond and its surrounding area. This was not part of our scope, and we assumed that we could get a relative idea of pond performance, at least against the original pond design using existing data. An as-built survey would have to be performed to determine more accurately the relationship of pond water level changes due to various rain events.

We used the USEPA Stormwater Management Model (SWMM) version 5.1 to simulate the watershed and pond. SWMM is an industry standard for urban hydrologic and hydraulic modeling. It is capable of dynamically simulating rainfall, evapotranspiration, infiltration and runoff and then tracking runoff as it moves overland and flows into and through pipes, swales, streams, pump stations and ponds. We have several decades of experience applying SWMM and have also calibrated several dozen models to continuously measured water depth, flow and velocity data. This experience becomes particularly useful when we develop un-calibrated models like this one.

We have found that refining a storm water model so that it best emulates reality is like tuning an instrument with coarse and fine tuning knobs. Estimating the right amount of runoff is like turning with the coarse knob and defining the correct hydraulics of flow in pipes and ponds is like turning the fine knob. Typically, these models are most sensitive to the amount of impervious area in the watershed. Certainly for the pond, the Directly Connected Impervious Area (DCIA) is the most important parameter for estimating flows into the pond.

In SWMM applications, DCIA is any impervious area such as roads, parking lots and rooftops that drain directly to storm sewer. Any impervious area that drains via curb cuts or downspouts onto lawns or other vegetated areas is not considered DCIA. This is because this water has a chance to infiltrate before making its way to stormwater infrastructure. For this model we

assumed the developed areas around the pond averaged 25% DCIA. This number comes from several studies in suburban areas where we had calibration data. It is a reasonable first cut estimate of the value of this parameter.

We assumed loamy soils. The soil samples indicate a range of soils from silty clay to sand. Loam is roughly the average, particularly in its infiltration capacity, of the range of soil types found on site. We delineated subwatersheds based on 1) our presumption of The Ponds property boundary and 2) the major development areas outside of The Ponds. The subwatershed areas are shown in Figure 3 attached.

We simulated just the major inlet channel and inlet and outlet pipes. Conveyance of stormwater from the point of runoff generation to the pond is relatively short. Conveyance can delay the arrival of peak flows from distant areas. In this case, we do not believe that simulating a lot of storm sewer conveyance would substantively change our results. It might change the time it takes peak flows to arrive at the pond, but not so much that the peaks would decrease significantly below our results.

We simulated three 24-hour design rainfall events. These design rainfall events are based on long-term statistical analysis of rainfall data for this area (Huff and Angel, 1993). They are statistical creations; e.g., a one year event has approximately a 90% chance of occurring in any given year. It could not occur for two years or happen multiple times in a year. It is a long-term statistical average value. We distribute the rainfall in the model using the Soil Conservation Service Type II distribution. This is a fairly conservative distribution because more than half the rain falls in the middle two hours of the event. These rainfall distributions create high runoff peaks. For engineering analyses, it is a conservative approach.

The results of our model runs are summarized in Tables 1 and 2 below. A couple findings stand out:

1. The Ponds watershed and maximum runoff rates are the smallest of all the pond subwatersheds.
2. Maximum design water level is 862. The simulated 100-year event is very close to the maximum design water level. Given the assumptions in our analysis, maximum water surface elevation could be somewhat higher or lower. One suspects, if deposition in the pond is substantial or the pond was undersized during construction, or the outlet has less capacity than portrayed on the design, that maximum water levels would be higher. Our conclusion is this pond is at or just above or below maximum capacity. It is not clear from the drawings that the pond and its outlet were ever sized for complete build-out. If it is meeting capacity now, it appears to be at least partly out of good fortune.
3. The outlet pipe for the pond, running under Grand River Avenue, appears to have a maximum flow capacity of 25 cfs. Under the conditions of this analysis, this pipe is creating pressure flow in the pipe. It is undersized to convey peak flows from the pond outlet structure. During large rain events then part of the rise in the water surface elevation is due this pipe's under-capacity.

Table 1. Subwatershed Maximum Runoff Rates for Selected Design Rainfall Events

| Subwatershed | Area (ac) | Peak Runoff Rates (cfs) | | |
|---------------|--------------|-------------------------|----------------------|-----------------------|
| | | 1-year (2.03-in) | 10-year (3.43-in) | 100-year (5.02-in) |
| 1 | 26 | 14.3 | 30.5 | 53 |
| 2 | 45 | 23.5 | 49 | 84 |
| 3 | 68 | 32.5 | 65 | 109 |
| 4 | 28 | 18.4 | 40.8 | 69.5 |
| 5 (The Ponds) | 16 | 12.5 | 28 | 47 |

Table 2. Pond Maximum Inflow and Outflow Rates and Maximum Water Surface Elevation for Selected Design Rainfall Events

| Pond Feature | 1-year | 10-year | 100-year |
|--|-----------|-----------|-----------|
| | (2.03-in) | (3.43-in) | (5.02-in) |
| Pond Inflow | 104 | 217 | 364 |
| Pond Outflow | 16 | 21.9* | 25* |
| Pond Max Water Surface Elevation (in ft above MSL) | 856.8 | 859.3 | 861.4 |

**At these elevations, the manhole just downstream of the pond outlet would flood onto the ground. It would not be catastrophic, but it would be an indication that water in the pipe is flowing under pressure.*

Recommendations:

- Removal of sediment containing chlorides, and other pollutants not assessed to date, would improve upon the water quality of the pond and decrease chloride toxicity which is likely contributing to the apparent impact on the existing low numbers and diversity of macroinvertebrates within the pond.
- Utilization of forebays (pretreatment basins), rain gardens, bioswales, and other similar storm water management and nutrient uptake/filtering features into the current site plan may not only address chlorides but also more generally address sediment and phosphorus which carries these and other pollutants and would improve the water quality and ecology (e.g. biota) of the pond and its associated wetlands. These BMPs would also provide some additional storage capacity that would relieve potential capacity issues in the pond. Primary areas of concern include the western, northern and southern storm sewer outfalls to the pond.
- Ultimately, to most effectively improve the pond water quality, the unconsolidated and organic sediments in the pond likely need to be dredged or deactivated with a treatment like alum. Testing of sediment phosphorus levels

would verify if this is required. In our experience ponds that have been receiving runoff from suburban areas for three to four decades, likely have a significant source of phosphorus in the sediment. Even if all the runoff-associated phosphorus were now controlled, if the pond sediment has sufficient phosphorus, algae blooms and other associated issues would likely still occur..

- If The Ponds could permit a groundwater well to use to help supplement pond levels, it would help with pond temperature and water quality. The more the pond water “turns over”, that is the more stagnant water is replaced with fresh water, the healthier the pond will become. The pump could be turned on and off automatically if it is tied to a float switch that has set water levels to turn the pump on and off.
- Deicing activities should be evaluated to determine if there are ways to better limit salt and/or sand accumulation in the pond. Ultimately, rain gardens and forebays may be needed to capture chloride-laden runoff.
- It is our understanding The Ponds is using phosphorus-free fertilizer. Residents in the other drainage areas should be encouraged to also use phosphorus-free fertilizer.
- While we have noted that outlet pipe is under-sized, replacing that pipe will be very costly. Upsizing that pipe would require boring and jacking under Grand River Avenue. Depending on pipe size, that could cost several hundred dollars per linear foot of pipe. Upsizing the pipe would also mean more water is sent downstream. This could have implications for downstream properties. It may be useful to also consider steps to try and reduce peak flow volumes coming into the pond.
- The recent issues with soil failure around the outlet pipe suggest that piping, and/or pipe failure is washing away fines and creating cavities around and under the pipe. Hopefully, the cause of the failure will be diagnosed, and comprehensive measures taken to fix it. Clay cutoff walls, a concrete end structure, etc. may be measures required to fix the problem. Without doing an assessment ourselves, we cannot provide more assistance with this issue, but given that pipe travels under Grand River Avenue, whatever the fix, it should provide confidence that in the long-term the issue has been comprehensively addressed.

Literature Citations:

- Environmental Protection Agency (EPA). 1988. Ambient Water Quality Criteria for Chloride. EPA 440/5-001.
- Harriss Robert C. , (1967), SILICA AND CHLORIDE IN INTERSTITIAL WATERS OF RIVER AND LAKE SEDIMENTS, *Limnology and Oceanography*, 12, doi: 10.4319/lo.1967.12.1.0008
- Soucek DJ1, Linton TK, Tarr CD, Dickinson A, Wickramanayake N, Delos CG, Cruz LA. 2011. Influence of water hardness and sulfate on the acute toxicity of chloride to sensitive freshwater invertebrates. *Environ Toxicol Chem.* 2011 Apr;30(4):930-8. doi: 10.1002/etc.454. Epub 2011 Feb 11.

We look forward to discussing our report with you.
Sincerely,

GEI Consultants, Inc.



Scott B. Dierks, PE
Senior Water Resources Engineer



Stu Kogge, PWS
Project Manager/Senior Wetland/Aquatic Biologist

Attachments:

Figure 1- Location of Stormwater Features and Representative Photographs

Figure 2 – Location of Sediment Samples

Representative Photographs

Figure 3 – Walden Pond Subwatershed Map

Figure 1- Location of Stormwater Features and Representative Photographs

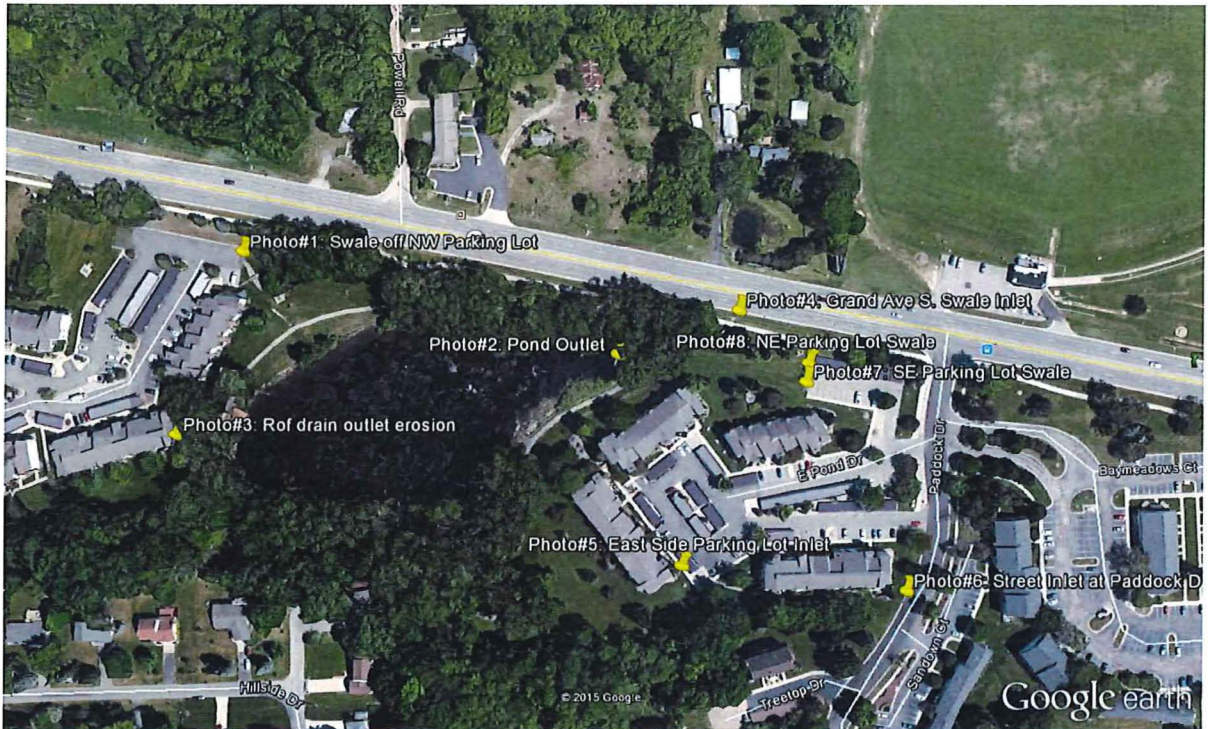


Figure 2 – Location of Sediment Samples



The Ponds – Example Photographs
GEI Consultants, Inc.



Figure 1. Swale from north corner of west parking lot of The Ponds



Figure 2. Walden Pond Outlet (note stain line at lower holes)

The Ponds – Example Photographs
GEI Consultants, Inc.



Figure 3. Erosion at roof drain outlet



Figure 4. Grand Avenue southside swale inlet

The Ponds – Example Photographs
GEI Consultants, Inc.



Figure 5. East side Parking Lot Inlet (to pond)



Figure 6. Street inlet on Paddock Drive

The Ponds – Example Photographs
GEI Consultants, Inc.



Figure 7. Grass swale off south corner of east side parking lot



Figure 8. Grass swale off north corner of east side parking lot

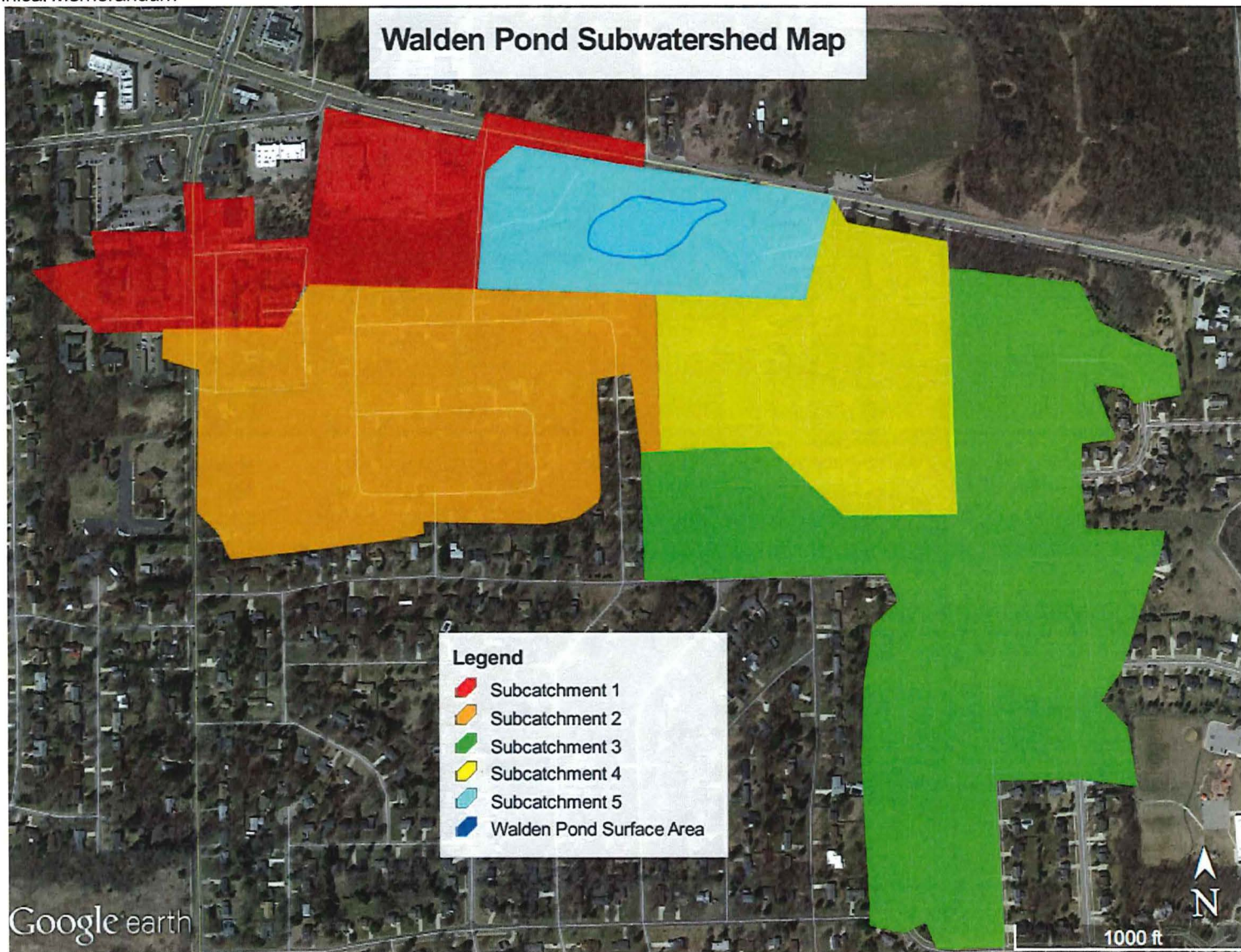


Figure 3. Walden Pond Subwatershed Map

MEMORANDUM

TO: Township Board

FROM: Ronald J. Styka, Township Trustee

DATE: July 30, 2015

RE: **Township Manager Performance Review**

The evaluation committee, consisting of Supervisor Betsy LeGoff, Trustee Milton Scales, and Trustee Ron Styka, met with Manager Frank Walsh on June 26 and July 15.

At the committee's request, Manager Walsh drafted a self-evaluation and proposed changes to his contract. The committee reviewed both proposals and thoroughly discussed Mr. Walsh's performance to-date. The committee reached a consensus on the language of a proposed evaluation, using the form adopted in 2014. It also reached consensus on proposed changes to the Manager's contract.

The committee recommends that using its proposed documents as the basis of discussion, the Board, at the request of Manager Walsh and in accordance with the Open Meetings Act, meet in closed session to finalize its evaluation of the manager. This meeting should occur as soon as the meeting calendar allows.

It is noted that in order to bring the evaluation process into concert with the Township's fiscal and planning year and with the manager's contract terms, this is an interim review, with another review needing to proceed prior to November 1, 2015, and annually thereafter. At that meeting, annual goals for the manager need to be established. The committee also recommends that a semi-annual review be made of the manager's progress on goals in April of each year.

MEMORANDUM

TO: Township Board

FROM: Frank L. Walsh
Frank L. Walsh, Township Manager

DATE: July 30, 2015

RE: **Township Manager Performance Review**

It is my understanding that the Township Board will be conducting my annual performance review on Tuesday, August 18. It may be helpful to start the meeting at 5:00 P.M. and enter into closed session as permissible under the Michigan Open Meetings Act.

I am hereby requesting the Meridian Township Board enter into closed session in accordance with Section 8(a) for the sole purpose of conducting my annual performance review.

Thank you for the opportunity to serve the residents of Meridian Township.