



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION ADVISORY BOARD
REGULAR MEETING
August 12, 2020 6 PM

1. CALL MEETING TO ORDER
2. APPROVE AGENDA
3. INTRODUCTIONS
 - A. Matt Bozung, Board Member
4. APPROVE MINUTES
 - A. July 8, 2020 Minutes
5. COMMUNICATIONS
6. OLD BUSINESS
 - A. Foster-Couse Preserve (Visit today)
 - A. Bike trail
 - B. Trail maintenance
 - B. Update on Lake Lansing North prescribed burn
 - A. Meeting with Assistant Park Manager and Stewardship Coordinator Ian Londo and Park Manager Coe Emmons
7. NEW BUSINESS
 - A. 10 year stewardship plan for preservation program
 - a. Discuss project ideas
 - b. CCC project ideas – fence installation at preserves
 - B. Lake Lansing South Preserve/Potter
 - a. Discuss encroachment from neighborhood
 - b. Begin management this fall with planting
 - i. Site visit with Vern Stephens
 - ii. New survey by Kebs
 - C. Deer Management Program 2020
 - a. Additional properties
 - D. Ingham County Tax Properties
 - a. Possible acquisition
8. STAFF REPORT
 - A. Stewardship Coordinator
 - B. Stewardship workdays re-starting
 - C. Fall invasive management
 - i. Tihart—Autumn Olive field
 - ii. SW Meridian Uplands—Oak area in back corner
 - iii. Serafin—Native planting area on Mt. Hope
 - iv. Davis-Foster—Autumn Olive

Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Land Preservation Advisory Board by contacting: Director LuAnn Maisner, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4600 - Ten Day Notice is Required.

Meeting Location: 2100 Gaylord C. Smith Ct., Haslett, MI 48840

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9. COMMENT FROM THE PUBLIC

10. OTHER MATTERS AND BOARD MEMBERS' COMMENTS

11. ANNOUNCEMENTS

- A. Next Land Preservation Advisory Board Meeting: Wednesday, September 9, 2020, 6 pm, Meridian Service Center – walk through of Central Meridian Uplands.

12. ADJOURNMENT

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CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION ADVISORY BOARD REGULAR MEETING MINUTES ---DRAFT
5151 Marsh Rd., Haslett
Central Park Pavilion
Wednesday, July 8, 2020 6 PM

PRESENT: Board Members: Jamie Hiller; James Kielbaso; Yu Man Lee; Mark Stephens; Steve Thomas
ABSENT: NONE
STAFF: Emma Campbell, Land Stewardship Coordinator; LuAnn Maisner, Parks and Recreation Director
TOWNSHIP: Township Trustee, Dan Opsommer
OTHER: Derek Perry, Director of Public Works, Deputy Township Manager

A. CALL MEETING TO ORDER

BOARD CHAIR KIELBASO MOVED TO CALL THE MEETING TO ORDER AT 6:04 PM.

B. APPROVE AGENDA

Board member Hiller moved **TO APPROVE THE AGENDA. SECONDED BY MEMBER LEE.**

VOICE VOTE (show of raised hands): Motion carried unanimously.

C. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS

1. Jon Doyle present to speak during New business on Foster-Crouse Preserve issue.
2. Derek Perry to present the possibility of using Central Meridian Uplands (C.M.U.) and/or Hubble Preserve for a wetland mitigation project.

D. APPROVE MINUTES

- E. Chair Kielbaso to change date on minutes from February 12, 2020 to March 11, 2020.
Board member Stephens moved to **APPROVE THE AGENDA.** Seconded by Board Member Hiller.

VOICE VOTE (show of raised hands): Motion carried unanimously.

F. COMMUNICATIONS

- G. Chair Kielbaso gives Deputy Township Manager, Derek Perry, a chance to speak about his issue in order to leave at timely manner. Derek presents the possibility of using Central Meridian Uplands (C.M.U.) and/or Hubble Preserve for a wetland mitigation project.
- A. Road intersection at Grand River and Okemos is being resurfaced and raised to mitigate flooding – 15.5 acres of wetland mitigation is required for this project. The project is in preliminary stages – public works is turning to preservation board to

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get input on a potential candidate throughout township preserve system.

- B. Chair Kielbaso questions if there is enough suitable land to do the entire mitigation on C.M.U? Member Hiller asks what other preserves are available as options. Discussion follows about content of flora and fauna at C.M.U. and its associated value, and the suitability of this preserve for wetland mitigation. Board discusses meeting out at the preserve for LPAB August meeting to decide appropriate use.

H. OLD BUSINESS

NONE.

I. NEW BUSINESS

- A. Parks and Recreation Director, LuAnn Maisner presents on the Land Preservation Millage Renewal

Discussion:

- A. Director Maisner presents the current financial report on land preservation funds. 4 million is available in the fund. Current yearly maintenance and stewardship of preserves costs roughly \$200,000/year. The recommended 0.10 reduced millage rate would generate approximately \$192,000 annually. In addition to the endowment interest which accrues \$35,000 - \$40,000 per year, there would be \$232,000 available for maintenance and stewardship yearly.
- B. Board Member Stephens leads a discussion on what the long-term goals and expenses of the stewardship program are. Is the \$232,000 enough to hire interns? Discussion of interns, how many, pay rate, job responsibilities ensues. Board member Hiller questions if we are able to ask for a higher rate before the next 10 year millage renewal. Board Member Opsommer replies that we can in small increments. The biggest question asked is whether or not we can acquire more land if necessary – the LPAB has met its land acquisition goals, but there could be more that becomes available. The board discusses intern/supplemental staff, invasive removal contracts and prescribed burns will be our biggest expenses moving forward – in general everyone agrees we can achieve this with the reduced millage rate as long we prioritize and organize projects by cost and urgency.
- C. **BOARD MEMBER STEPHENS MOVED TO APPROVE THE RECOMMENDED 0.10 MILLAGE RENEWAL RATE. BOARD MEMBER HILLER SECONDED.**

VOICE VOTE (show of raised hands): Motion carried unanimously.

- B. Financial Statement Update: Discussed fully during item A in New Business
- C. Foster-Crouse Preserve
 - a. Trail Maintenance Discussion: Jon Doyle is a resident who lives near Foster-Crouse to speak on behalf of the issues he brought up to Land Stewardship Coordinator Emma Campell.
 - b. Trail Maintenance: There is about a 400 foot section of trail that remains wet

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through most of the year. The trail runs between two wetland areas and cannot be re-routed. Jon Doyle and Coordinator Campbell ask what kind of trail maintenance can be done. A boardwalk made of natural items? Board member Thomas recommends that no fill (mulch, stones) be added because of the trail being a possible wetland itself. The board discusses that a boardwalk allowing flow of water unperturbed would be the best route. Member Hiller mentions that the township lawyer should possibly be involved to find any liabilities that we may need to be aware of.

- c. Proposed bicycle allowance: Jon Doyle with Coordinator Campbell recommends the allowance of bicycles on Foster-Crouse Preserve. There is a safety issue of residents riding their bike on the side of the road to get to North Meridian Rd. Park: the speed limit is 50mph on Meridian Rd. and there is no shoulder making it unsafe for neighborhood kids to bike – allowing bikes on Foster-Crouse would give a direct pathway from several neighborhoods to North Meridian Rd. Park. Member Thomas recommends we think carefully on this and perhaps propose just walking bikes on the path due to the sensitive nature of the preserves and the negative affects biking can have on wetland areas. Coordinator Campbell suggests tabling the discussion and holding the next LPAB meeting at Foster-Crouse to walk the trail and discuss the issue further. **BOARD MEMBER HILLER MOVED TO TABLE DISCUSSION AND MEET AT FOSTER-CROUSE FOR THE NEXT LPAB MEETING. MEMBER STEPHENS SECONDED.**

VOICE VOTE (show of raised hands): Motion carried unanimously.

D. STAFF REPORT

- a. Stewardship Coordinator Campbell
 1. Meridian Conservation Corps update
 - a. Communications will only launch the first 3 programs along with our mission statement for the time being; summaries and flyers have been finalized to go into the creation of the Conservation Corps website; promotional material for social media awaiting approval.
 - i. MCC mission statement
 - ii. Forest Watch
 - iii. Clean Up Crew
 - iv. Invasive Species Strike Team
 - b. Volunteers have been trained on an individual/group basis with strict COVID guidelines in place to protect everyone involved. Volunteer work has consisted mainly of invasive removal and trash pickup in the parks and preserves.
 2. Wetland Banking – Tihart Preserve Update
 - a. There has been no word from Mike Pennington.
 3. Forest Grove Preserve Update
 - a. Ingham County Drain Commission is required to fix or completely pull out old pipeline that runs through Forest Grove.

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- b. Mike Nurse is their appointed wetland delineator. During the walkthrough it was found that there is diverse array of native wetland species with little invasive species present.
- c. Invasive species present were mostly buckthorn and reed canary grass. Vegetation growing along pipeline in questions is mostly reed canary grass – the drain commission wants to use wetland as a buffer, avoiding changing the hydrology in the area as well enhancing the surrounding wetlands.
- d. The Ingham County Drain Commission will give a full presentation with available options at a later date (August or September meeting).

E. COMMENT FROM THE PUBLIC

NONE.

F. OTHER MATTERS AND BOARD MEMBERS' COMMENTS

- a. LPAB vacancies: Not all members were aware of Kirk Lapham stepping down creating two vacancies to fill. Board discusses possible candidates. Everyone is encouraged to reach out to potential candidates and let them know of the vacancies.
- b. Board Member Thomas discusses the prospect of a prescribed burn at the Lake Lansing North Conservation easement. The last burn was in 2012, but since then native woodland flowers and oak and hickory regeneration has greatly increased compared to the adjacent sections that did not receive a prescribed burn. Member Thomas suggests doing a burn this fall to keep back the growth of invasive species as well as more aggressive understory species. Coordinator Campbell suggests we need to reach out to Coe and Ian who are the managers at Lake Lansing and we will need to partner with them on burn management. Board members also discuss a burn to take place at Davis-Foster. **MEMBER STEPHENS MOVED TO BRING MAPS TO NEXT MEETING AND DETERMINE PRESCRIBED BURN PRIORITY AREAS OF MANAGEMENT. MEMBER HILLER SECONDED.**

G. ANNOUNCEMENTS

- A. Next Land Preservation Advisory Board Meeting: Wednesday, August 12, 2020, 6 pm, Foster-Crouse Preserve.

H. ADJOURNMENT

- A. Chair Kielbaso **ADJOURNED THE MEETING** at 8:45 PM. **SECONDED BY BOARD MEMBER HILLER.**

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To: Board Members
From: Ronald J. Styka, Township Supervisor
Date: August 6, 2020
Re: Land Preservation Advisory Board Appointment

The Land Preservation Advisory Board currently has two vacancies.

I am recommending the appointment of Matt Bozung to fill one of the two vacancies with the term ending 12/31/23. Attached you will see his resume.

Matt is the Human Resources Director for Granger Construction Company. He has a MBA from Michigan State University and is an Okemos resident.

The following motion is proposed for Board consideration:

MOVE TO APPROVE THE APPOINTMENT OF MATT BOZUNG TO THE LAND PRESERVATION ADVISORY BOARD FOR A TERM ENDING 12/31/2023.

Attachment:

1. Application for Public Service

Riley Millard

From: webmaster@meridian.mi.us
Sent: Sunday, December 16, 2018 10:35 AM
To: Michelle Prinz; Deborah Guthrie; Erin Cornett; Brett Dreyfus; Riley Millard
Subject: Public Service Form Received

A new entry to a form/survey has been submitted.

Form Name: Public Service Application Form
Date & Time: 12/16/2018 10:35 AM
Response #: 17
Submitter ID: 8299
IP address: 172.25.96.105
Time to complete: 29 min. , 58 sec.

Survey Details

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CHARTER TOWNSHIP OF MERIDIAN

Ronald J. Styka
Brett Dreyfus
Julie Brixie
Frank L. Walsh

Supervisor
Clerk
Treasurer
Manager



Phil Deschaine
Patricia Herring Jackson
Dan Opsommer
Kathy Ann Sundland

Trustee
Trustee
Trustee

I am interested in service on one or more of the following public bodies as checked below:

***Special conditions restrict eligibility for appointment**

1.

Assessing Board of Review*

Elected Officials Compensation Commission*

Land Preservation Advisory Board

Park Commission (Elected/Appointed)

Planning Commission

2. **Occupation:**

Director of Human Resources

3. Indicate areas not included above which may warrant special attention or study that are of interest to you:

n/a

4. Describe education, experience or training which will assist you if appointed:

Formal Education:

Bachelor's of Science in Biological Sciences, Michigan State University
Master's Degree in Higher Education, Michigan State University
Masters in Business Administration, Michigan State University

Experience:

Lengthy career in business and human resources. Involvement with small businesses and large corporations, multi-site organizations, as well as for-profits and non-profits.

Please see the attached resume for a

5. Contact Information:

Name:	Matt Bozung	Occupation:	Business & Human Resources
Place of Employment:	Granger Construction Company	Home Address:	3604 W. Arbutus Dr.
Phone (days):	517-449-0366	Phone (evenings):	517-449-0366
Date:	12/16/2018		

6. Attach Resume and Cover Letter

Resume is attached [Matt Bozung Cover Resume.pdf](#)

Thank you,
Meridian Township, MI

This is an automated message generated by the Vision Content Management System™. Please do not reply directly to this email.

MATTHEW J. BOZUNG

3604 W. Arbutus Dr., Okemos, MI 48864
517-449-0366 ▪ matt.bozung@gmail.com ▪ <http://www.linkedin.com/in/mattbozung>

December 16, 2018

Meridian Township
5151 Marsh Rd
Okemos MI 48864

To Whom It May Concern:

I am excited to be writing you to submit my application for public service to the township. Meridian Township has an outstanding reputation and track record for cultivating a community that is a vibrant place to live and do business. I write today to express my interest in becoming part of this effort and to offer my services wherever they may best help.

Some specific qualities and experiences of mine that enhance my ability to serve the township are listed below.

- My professional career is in human resources, where I lead that function for Granger Construction Company. At Granger I've led the efforts to modernize our approach toward human resources and organizational development, while keeping pace with a company that has doubled in size since my arrival.
- I have business experience in both small businesses and Fortune 50 companies, as well as non-profits and billion-dollar companies. These experiences, along with an MBA from Michigan State University, provides me with a unique lens to view situations when considering important decisions.
- I possess a varied network of contacts from throughout the mid-Michigan area. These are individuals that I would call upon for information, advice, and assistance to help me serve the township.

Please refer to my resume for a full account of my experiences.

I look forward to speaking to you about my candidacy and may be reached at 517-449-0366 or matt.bozung@gmail.com.

Sincerely,



Matthew J. Bozung

MATTHEW J. BOZUNG

3604 W. Arbutus Dr., Okemos, MI 48864

517-449-0366 ▪ matt.bozung@gmail.com ▪ <http://www.linkedin.com/in/mattbozung>

HUMAN RESOURCES & TALENT LEADER

HR strategist with a proven track record of leading and executing talent and organizational development programs.

- Performance Management
- Talent Management
- Strategic Planning
- Learning & Professional Development
- Talent Acquisition
- Employee Relations
- Change Management
- Organizational Development

PROFESSIONAL EXPERIENCE

Granger Construction Company, Lansing, MI

Commercial construction company delivering projects ranging in size from \$1M to those in excess of \$100M.

Director, Human Resources

January, 2015 – present

Lead all human resources, talent development, and organizational development functions for the company. Granger has operations consisting of four offices and 40+ sites across two states.

- Manage and perform all **talent acquisition** functions, including candidate sourcing, interviewing, and offer negotiation.
- Maintain a high level of **employee engagement** via proactive means. Key aspects of the engagement strategy include improving the employee experience and company via feedback collected through the company's career conversation process, employee roundtable meetings, pulse surveying, and metric evaluation.
- Continually refine the company's **performance management** strategy, always striving to create means to deliver employee-related feedback in real time.
- Create and manage **talent management** processes that include talent review, segmentation, and succession planning.
- Spearhead the company's efforts to continually **develop employees**, including operational and technical training as well as professional and leadership development.
- Coordinate **office management** functions of the company, including administrative staff oversight, space planning, and building maintenance.

ServiceLive, Inc., Hoffman Estates, IL

Technology company linking together independent contractors and buyers of home-related services through innovative B2B products and B2C applications.

Manager, Human Resources & Organizational Effectiveness

October, 2012 – December, 2014

Responsible for all human resources and organizational development functions across the company's three sites.

- Led the **strategic planning** efforts to formalize the organization's mission, vision, and core values. Facilitated discussion regarding the business' core strategy and sources of competitive advantage as the precursor to an organizational redesign and new culture roll-out.
- Designed and executed innovative **performance management** processes, including goal setting (4DX methodology), performance review, performance improvement plans, and quarterly Objective & Key Results (OKRs), to create alignment and improve transparency of work output on the company's most pressing initiatives.
- Manage all **talent acquisition** processes. Redesigned field recruitment practices, realizing an improvement of approximately 25% in time-to-fill rates. Manage a \$5.8M payroll budget and another \$1M in temporary staff spending.
- Lead all employee and client-facing **training, learning & development** programming with a staff of two FTE. Focusing on implementing just-in-time solutions and a variety of on-demand resources via e-learning, screencasts, and simulations.
- Lead all **organizational development planning**, including past projects involving restructuring, redeployment of talent, enabling top-down and bottom-up communication methods, and enterprise-wide learning opportunities.
- Created a **career progression** model that was fully supported by success profiles, learning requirements, and market-specific pay structures, for the purpose of supporting employee development and retention.

Sears Holdings Corporation, Hoffman Estates, IL

Holding company operating Sears, Roebuck and Co. and Kmart, as well as various proprietary brands.

Manager, Strategic Talent

November, 2011 – October, 2012

Accountable for leading graduate and undergraduate early career leadership development programs, focusing on developing high-potential employees that possess the expertise to lead and deliver results in a time of disruptive technologies.

- Recruited, selected, onboarded, advised, and counseled program participants.
- Facilitated **talent discussions** and placed program members into project-based rotations and permanent roles located within high-impact areas of the company. Coached and monitored performance based upon business and program criteria.
- Designed and implemented a new **competency-based** curriculum, assessments, and learning interventions in order to enhance development of program members during their first year with the company.
- Developed performance management processes, partnered with supervisors to diagnose individual learning needs, and identified appropriate interventions for each employee. Drove creation and execution of **individual development plans**.
- Developed metrics, collected data, and conducted analysis to **track the overall effectiveness** of the development programs.

Manager, Human Resources

December, 2010 – November, 2011

Business consultant providing HR generalist support for corporate and remote-based business units with a combined associate population of 1,200.

- Key business advisor on issues pertaining to recruitment, performance management, **employee relations**, organizational development, and career advising. Coached and advised sr. executives, line managers, and general employee population.
- Drive the **talent management cycle** to ensure optimum development and deployment of the employee population, including succession planning, talent review, performance review process, and performance management.
- Strategic consultant on **associate engagement**, leading the successful rollout of learning & innovation opportunities, associate recognition programming, and work-life balance initiatives.
- Launched retention and incentive programming leading to improvements up to 200% in various operational metrics.

Business Manager, Human Resources Operations

June, 2010 – December, 2010

HR operational manager providing consulting services pertaining to analytics, innovation, and process improvement.

- Enabled **data-based decision making** through the introduction of Human Capital Analytics within the human resources support function for the business unit.
- Launched and provided training for the *workforce analytics* tool, a web-based interface providing HR reporting to HR and Business Managers. The tool replaced and offset the demand for ad hoc reporting by over 120 reports per month.
- Project managed the **process design** and implementation of key talent acquisition systems for the business unit, including applicant tracking and automated on-boarding tools, contributing to an estimated collective savings of 7,500 hours of manual pre-hire transactions annually for the business unit.

Senior Business Analyst, Human Resources

February, 2009 – June, 2010

Project manager for multiple remote HR-related operational teams responsible for driving to completion a variety of initiatives.

- Managed the development, implementation, reporting, and action planning for the **annual associate engagement survey**. Conducted needs assessments and developed and delivered training and coaching in support of action planning.
- Designed MBA and undergraduate-level **internship program** in order to improve the pipeline of talent into the business unit. Recruited, selected, placed, and facilitated evaluation of intern participants.

Michigan State University, East Lansing, MI

MSU is the nation's pioneer land-grant institution and is one of the top 100 universities in the world.

Academic Program Manager, College of Nursing

August, 2004 – February, 2009

First program manager of the high profile Accelerated Second Degree nursing program, a program designed to prepare career changing adults for a career in nursing within the scope of one year of intense study.

- Developed **recruitment processes** and **marketing initiatives** for the program leading to improved candidate pools, visibility in the health care community, and the advancement of the College of Nursing brand.
- Served as the **primary consultant and advisor** for career development and academic preparation for approximately 900 current students and all prospective students, in accordance to university, state, and nursing accreditation guidelines.
- Designed, coordinated, and **delivered a variety of workshops** for both current and prospective.

Graduate Assistant, Department of Student Life & Department of Residence Life

August, 2002 – August 2004

- Revitalized key transitional leadership and organizational development workshops for student leaders of approximately 500 student organizations resulting in improved membership retention and event management.
- Developed curriculum, instructional materials, and conducted a 3-credit course on leadership theory for 30 students.

EDUCATION

Michigan State University, East Lansing, MI

- Master of Business Administration
- Master of Arts, Higher Education Administration
- Bachelor of Science, Biological Sciences



10 Year Land Preservation Plan - Draft

Description:

• 2020

1. **Signage:** Improve the rule signage and install Land Preservation signs at areas that still need them
 - a. Rule signage still needed at all the land preserves except Red Cedar Glen Preserve
 - i. Total of 22 signs
 - ii. **Cost estimate for rule signage: \$15,000**
 - b. Replace and install 'Land Preserve of Meridian Township' signs where needed
 - i. Foster-Crouse Preserve (replacement)
 - ii. Lake Lansing South (1 big sign on Haslett Rd. and possibly a smaller one for Carlton St.)
 - iii. Southwest Meridian Uplands
 - iv. Red Cedar River East
 1. **Cost estimate for land preserve signs: \$3,000**
 - v. **Total cost estimate for signage: \$18,000**
 - c. Send out bids and finish out the design of each sign this fall and winter
2. **Prescribed Burns:**
 - a. Lake Lansing North Conservation Easement
 - i. Fall of 2020
 - ii. **Cost estimate: \$7,000 for approximately 30 acres, \$3,500 for 15 acres**
 - b. Davis-Foster Burn Unit 2
 - i. Fall of 2020 (within the same time frame of LLN - they will be in the same bid)
 - ii. **Cost Estimate for 19 acres: \$4,500**
 - c. **Total Cost estimate of prescribed burns for 2020: \$8,000 - \$11,500**
3. **Development of Meridian Conservation Corps** - Volunteer program dedicated to stewardship and conservation in the township
 - a. Release 4 of 7 programs by September

- i. Clean Up Crew
- ii. Trail Blazers
- iii. Forest Watch
- iv. Invasive Species Strike Team
- b. Development of website dedicated to the sign-up of all stewardship volunteers and conservation within the township
 - i. Cost of project: Labor of communications department to develop website

4. Invasive Species Management through coordinator and volunteer stewards

- a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives.
 - i. Invasive management is prioritized throughout the preserves by the following factors:
 - 1. Quality of the habitat and ecosystem
 - 2. Sensitive species or species of concern present
 - 3. Resilience of preserve (it's ability to come back from invasive infestation)
 - 4. Cost and investment of management
 - 5. Accessibility and participation from neighboring residents
 - ii. Cost of this management is based off the cost of herbicide

1. Cost for 2020 volunteer management: \$500.00 (new tools, fencing for trees)

5. Mapping of invasive species

- a. Using GPS to map out infestations in order to prioritize management at preserves
- b. Cost estimate: \$200.00 for GPS unit purchased this year**
 - i. 60% of mapping already complete by an unpaid intern

6. Invasive Species Management through contracted jobs

- a. Northridge Preserve: Phragmites infestation of .3 acres
 - i. Partnering with neighbor to rid what is on their private property (they will have a separate contract and payment)
 - ii. **Cost estimate: \$1,200 per year**
 - 1. For a 4 year treatment plan contract cost estimate will be \$4,800

2. Total cost estimate for invasive species contract treatment 2020: \$1,200

7. Foster-Crouse Preserve Trail maintenance

- a. Improve accessibility through wet areas (wetlands located on both sides of trail, so re-routing is not an option)
- b. Materials for a boardwalk

c. Cost estimate for trail maintenance: \$500.00

8. Native planting for seed banks - tilling and planting in the fall, possibly planting in spring 2021

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)
 - i. Use herbicide to kill grass
 - ii. Till up spot about 20' x 40' (size may differ at site)
 - iii. Order seed mix to plant

iv. Total cost estimate: \$500 - \$1,000

9. Lake Lansing South Preserve wet-meadow restoration

- a. Due to intensive encroachment from neighbors swift action taken this fall is preferred - this area has remained largely untouched by the preservation program due to it's seemingly low value of plant life as well as only being 5.5 acres
- b. The purpose of this purchase was to serve as a mitigation site for stormwater runoff - the native planting should enhance this quality
 - i. Interpretive signage for restoration (could be very minimal for first year, maybe just a printed and laminated sign, low-cost)
 - ii. Labor for prepping 2.5 acres - herbicide for spraying, equipment for tilling (maybe we can go through the pheasants forever program?)
 - iii. MI SAFE - Pheasant & Monarch Recovery CP42 Muck (wet sites) seed mix

1. Total cost for 2.5 acres = \$715.00

10. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.
- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$3,000

11. Increase and expand facebook reach and engagement for land preservation and parks programs ongoing throughout the year

Total year end cost for 2020 = \$32,615 - \$36,615

2021

1. Signage:

- a. Install rule signage at 22 preserves (all excluding Red Cedar Glen Preserve)
 - i. Continue to purchase if for some reason they are not all ordered
- b. Install 'Land Preserve of Meridian Township' signs
 - i. Foster-Crouse (replacement)
 - ii. Lake Lansing South
 - iii. Forest Grove (on Newton Rd.?)
- c. Replace and install 'Land Preserve of Meridian Township' signs where needed
 - i. Tihart/Cornell Wetland
 - ii. Towner Road Wetland
 - iii. Tank Wetland
 - iv. Nemoke Preserve
 - 1. Cost estimate for land preserve signs: \$2,500**
- d. Order wood burned signs with names of preserves
 - i. 20 of 23 preserves require this
 - ii. **Cost Estimate: \$2,500**

e. Total cost estimate for signage: \$5,000

2. Development of paid intern program

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00 (discuss pay rate once job description is created)
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

3. Prescribed Burns:

- a. Davis-Foster Burn Unit 1
 - i. Spring or fall of 2021
 - ii. **Cost estimate of 17 acres: \$3,500**
- b. Ted Black Woods
 - i. Spring or fall of 2021
 - ii. **Cost estimate for 25 acres: \$6,000**

c. Total cost estimate for prescribed burns 2021: \$9,500

4. Trail creation at Ponderosa Preserve

- a. Ponderosa only has one trail leading from Ponderosa Dr. that leads out to the railroad track border and then comes straight back.
 - b. Utilize forested area to create a trail that loops around back to Ponderosa Drive
 - c. We can use the M.C.C. program, Trail Blazers, to recruit volunteers to help clear the new trail
 - d. Eventually directional signage will be created for this preserve
- 5. Development of Meridian Conservation Corps - Volunteer program dedicated to stewardship and conservation in the township**
- a. Release 4 of 7 programs by start of summer 2021
 - i. Planting a Native Meridian
 - 1. Order lawn placards that certify residents gardens as native and part of the M.C.C. program
 - a. Initially 200 signs will be ordered
 - i. Cost estimate: \$3,000**
 - 2. Set aside a native plant budget specifically for community/township maintained gardens within the parks and preserves (see under native plantings budget)
 - ii. Vernal Pool Patrol
 - iii. Bioblitz Squad
 - iv. Waterways Watch
 - b. Continued development of website dedicated to the signup of all stewardship volunteers and conservation within the township
 - c. Startup program outreach materials, participant outreach such as t-shirts and stickers
 - i. Cost estimate: \$1,500**
 - ii. Total cost estimate of program outreach for M.C.C.: \$4,500**
- 6. Invasive Species Management through coordinator and volunteer stewards**
- a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment
 - 1. Cost estimate for 2021 invasive management: \$300**
- 7. Invasive Species Management through contracted jobs**
- a. Northridge Preserve: Phragmites infestation of .3 acres
 - i. Partnering with neighbor to rid what is on their private property (they will have a separate contract and payment)

ii. Cost estimate: \$1,200 per year

1. For a 4 year treatment plan contract cost estimate will be \$4,800

b. Ted Black Woods phragmites

i. Cost estimate for 3 acres: \$3,600

**1. Total cost estimate for invasive species contract treatment
2021: \$4,800**

8. Davis-Foster barn restoration and upkeep

- a. Repair some of the old boards
- b. New coat of paint

c. Total cost estimate: \$3,000

9. Reseed prairie areas within preserves using seed banks planted in 2020

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)
 - i. Have school kids harvest, process and spread seeds if possible

10. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.
- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$1,000

11. Increase and expand facebook reach and engagement for land preservation and parks programs ongoing throughout the year

Total year end cost for 2021 = \$48,260

2022

1. Development of paid intern program

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

2. Prescribed Burns:

- a. Davis-Foster Burn Unit 4
 - i. Spring or fall of 2022
 - ii. **Cost estimate of 4 acres: \$1,500**
- b. Ted Black Woods (dependent upon the flora and fauna content after the first burn)
 - i. Spring or fall of 2021
 - ii. **Cost estimate for 25 acres: \$6,000**
- c. Lake Lansing North Conservation Easement
 - i. Fall of 2022
 - ii. **Cost estimate: \$7,000 for approximately 30 acres, \$3,500 for 15 acres**

d. Total cost estimate for prescribed burns 2022: \$11,000 - \$14,500

3. Development of Meridian Conservation Corps - Volunteer program dedicated to stewardship and conservation in the township

- a. Continued development, expansion and engagement through M.C.C. programs
- b. Add native seed library to Planting a Native Meridian Program
 - i. Begin to map out gardens that are certified throughout the area
- c. Addition and replacement of any program outreach and materials

i. Total cost estimate for M.C.C. 2022: \$500 - \$1,000

4. Invasive Species Management through coordinator and volunteer stewards

- a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment

1. Cost estimate for 2022 invasive management: \$300 - \$500

5. Invasive Species Management through contracted jobs

- a. Northridge Preserve: Phragmites infestation of .3 acres
 - i. Partnering with neighbor to rid what is on their private property (they will have a separate contract and payment)
 - ii. **Cost estimate: \$1,200 per year**
 - 1. For a 4 year treatment plan contract cost estimate will be \$4,800
- b. Ted Black Woods phragmites
 - i. **Cost estimate for 3 acres: \$3,600**
- c. Smaller phragmites patches located throughout the township

- i. **Cost estimate for 3 acres (small parcels added together): \$3,600**

1. Total cost estimate for invasive species contract treatment

2022: \$8,600

6. Wildlife viewing overlook at Davis Foster

- a. An extensive overlook that acts as a wildlife viewing area with stairs leading up to a higher vantage point

i. Total cost estimate for overlook: \$10,000 - \$15,000

7. Reseed prairie areas within preserves using seed banks planted in 2020

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)

- i. Have school kids harvest, process and spread seeds if possible

8. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.
- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$1,000

- 9. **Increase and expand facebook reach and engagement** for land preservation and parks programs ongoing throughout the year

Total year end cost for 2022 = \$51,560 - \$60,760

2023

1. Development of paid intern program

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

2. Prescribed Burns:

- a. Davis-Foster Burn Unit 3
 - i. Spring or fall of 2023
 - ii. **Cost estimate of 14 acres: \$2,600**

- b. Tihart Preserve
 - i. Spring or fall of 2023
 - ii. **Cost estimate of 13.5 acres: \$2,400**
- c. Southwest Meridian Uplands
 - i. Spring or fall of 2023
 - ii. **Cost estimate of 14 acres: \$2,400**
- d. Total cost estimate for prescribed burns 2023: \$7,400**
- 3. **Development of Meridian Conservation Corps** - Volunteer program dedicated to stewardship and conservation in the township
 - a. Continued development, expansion and engagement through M.C.C. programs
 - b. Addition and replacement of any program outreach and materials
 - i. **Total cost estimate for M.C.C. 2023: \$500**
- 4. **Invasive Species Management through coordinator and volunteer stewards**
 - a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment
 - 1. **Cost estimate for 2023 invasive management: \$500 - \$1,000 (this will be a year where replacement of equipment may be needed as well as herbicide)**
- 5. **Invasive Species Management through contracted jobs**
 - a. Northridge Preserve: Phragmites infestation of .3 acres
 - i. Partnering with neighbor to rid what is on their private property (they will have a separate contract and payment)
 - ii. **Cost estimate: \$1,200 per year**
 - 1. For a 4 year treatment plan contract cost estimate will be \$4,800
 - b. Ted Black Woods phragmites
 - i. **Cost estimate for 3 acres: \$3,600**
 - c. Smaller phragmites patches located throughout the township
 - i. **Cost estimate for 3 acres (small parcels added together): \$3,600**
 - 1. **Total cost estimate for invasive species contract treatment: \$8,600**
- 6. **Interpretive & Directional Signage**
 - a. Towar Woods Preserve
 - i. **Cost estimate: \$5,000**

7. Reseed prairie areas within preserves using seed banks planted in 2020

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)
 - i. Have school kids harvest, process and spread seeds if possible

8. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.
- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$1,000

- 9. Increase and expand facebook reach and engagement for land preservation and parks programs ongoing throughout the year**

Total year end cost for 2023 = \$43,660

2024

1. Development of paid intern program

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

2. Prescribed Burns:

- a. Davis-Foster Burn Unit 2
 - i. Spring or fall of 2024
 - ii. **Cost estimate of 19 acres: \$4,500**
- b. Ted Black Woods
 - i. Spring or fall of 2024
 - ii. **Cost estimate for 25 acres: \$6,000**
- c. Lake Lansing North Conservation Easement
 - i. Fall of 2024
 - ii. **Cost estimate: \$7,000 for approximately 30 acres, \$3,500 for 15 acres**

d. Total cost estimate for prescribed burns 2024: \$14,000 - \$17,500

3. Development of Meridian Conservation Corps - Volunteer program dedicated to stewardship and conservation in the township

- a. Continued development, expansion and engagement through M.C.C. programs
- b. Addition and replacement of any program outreach and materials

i. Total cost estimate for M.C.C. 2024: \$500

4. Invasive Species Management through coordinator and volunteer stewards

- a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment

1. Cost estimate for 2024 invasive management: \$250 - \$500

5. Invasive Species Management through contracted jobs

- a. Northridge Preserve: Phragmites infestation of .3 acres
 - i. Partnering with neighbor to rid what is on their private property (they will have a separate contract and payment)
 - ii. **Cost estimate: \$1,200 per year**
 - 1. For a 4 year treatment plan contract cost estimate will be \$4,800
- b. Ted Black Woods phragmites
 - i. **Cost estimate for 3 acres: \$3,600**
- c. Smaller invasive patches located throughout the township
 - i. **Cost estimate for 3 acres (small parcels added together): \$3,600**

1. Total cost estimate for invasive species contract treatment: \$8,600

6. Interpretive & Directional Signage

- a. Central Meridian Uplands

i. Total cost estimate: \$3,500

7. Reseed prairie areas within preserves using seed banks planted in 2020

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)
 - i. Have school kids harvest, process and spread seeds if possible

8. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also

makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.

- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$1,000

- 9. **Increase and expand facebook reach and engagement** for land preservation and parks programs ongoing throughout the year

Total year end cost for 2024 = \$48,010 - \$51,760

2025

1. **Development of paid intern program**

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

2. **Prescribed Burns:**

- a. Davis-Foster Burn Unit 1
 - i. Spring or fall of 2021
 - ii. **Cost estimate of 17 acres: \$3,500**
- b. Nancy Moore Wetland (Reed Canary Grass Treatment?)
 - i. Spring or Fall 2025
 - ii. **Cost estimate of 12 acres: \$1,900**
- c. **Total cost estimate for prescribed burns 2024: \$5,400**

3. **Development of Meridian Conservation Corps** - Volunteer program dedicated to stewardship and conservation in the township

- a. Continued development, expansion and engagement through M.C.C. programs
- b. Addition and replacement of any program outreach and materials
 - i. **Total cost estimate for M.C.C. 2024: \$1,000 - \$2,000 (more lawn placards)**

4. **Invasive Species Management through coordinator and volunteer stewards**

- a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous

plants, and summer is mechanical, foliar and basal stump treatment of all invasives

- i. Cost of this management is based off the cost of herbicide and equipment

1. Cost estimate for 2024 invasive management: \$250 - \$500

5. Invasive Species Management through contracted jobs

- a. Ted Black Woods phragmites

- i. **Cost estimate for 3 acres: \$3,600**

- b. Smaller invasive patches located throughout the township

- i. **Cost estimate for 10 acres (small parcels added together): \$12,000**

1. Total cost estimate for invasive species contract treatment: \$15,600

6. Interpretive & Directional Signage

- a. Southwest Meridian Uplands

- b. **Cost estimate: \$2,500**

7. Reseed prairie areas within preserves using seed banks planted in 2020

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)

- i. Have school kids harvest, process and spread seeds if possible

8. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.

- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.

- c. All plants will be purchased from local nurseries to benefit the local economy as well.

- i. **Total cost for native plants = \$1,000**

- 9. **Increase and expand facebook reach and engagement** for land preservation and parks programs ongoing throughout the year

Total year end cost for 2025 = \$45,910 - \$47,160

2026

- 1. **Development of paid intern program**

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20
- e. Total cost of two interns for 9 months: \$20,160**

2. Prescribed Burns:

- a. Davis-Foster Burn Unit 4
 - i. Spring or fall of 2026
 - ii. Cost estimate of 4 acres: \$1,500**
- b. Ted Black Woods (dependent upon the flora and fauna content after the first burn)
 - i. Spring or fall of 2026
 - ii. Cost estimate for 25 acres: \$6,000**
- c. Lake Lansing North Conservation Easement
 - i. Fall of 2026
 - ii. Cost estimate: \$7,000 for approximately 30 acres, \$3,500 for 15 acres**
- d. Total cost estimate for prescribed burns 2022: \$11,000 - \$14,500**

3. Development of Meridian Conservation Corps - Volunteer program dedicated to stewardship and conservation in the township

- a. Continued development, expansion and engagement through M.C.C. programs
- b. Addition and replacement of any program outreach and materials
 - i. Total cost estimate for M.C.C. 2024: \$500**

4. Invasive Species Management through coordinator and volunteer stewards

- a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment

1. Cost estimate for 2024 invasive management: \$500 - \$1,000

5. Invasive Species Management through contracted jobs

- a. Smaller invasive patches located throughout the township
 - i. Cost estimate for 10 acres (small parcels added together): \$12,000**

1. Total cost estimate for invasive species contract treatment: \$12,000

6. Interpretive & Directional Signage

- a. Ponderosa Preserve

i. Total cost estimate: \$2,500

7. Reseed prairie areas within preserves using seed banks planted in 2020

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)

- i. Have school kids harvest, process and spread seeds if possible

8. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.
- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$1,000

- 9. Increase and expand facebook reach and engagement for land preservation and parks programs ongoing throughout the year**

Total year end cost for 2026 = \$47,660 - \$51,660

2027

1. Development of paid intern program

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

2. Prescribed Burns:

- a. Davis-Foster Burn Unit 3
- i. Spring or fall of 2027
- ii. Cost estimate of 14 acres: \$2,600
- b. Tihart Preserve
- i. Spring or fall of 2027

- ii. **Cost estimate of 13.5 acres: \$2,400**
 - c. Southwest Meridian Uplands
 - i. Spring or fall of 2027
 - ii. **Cost estimate of 14 acres: \$2,400**
 - d. Nancy Moore Wetland (Reed Canary Grass Treatment?)
 - i. Spring or Fall 2027
 - ii. **Cost estimate of 12 acres: \$1,900**
 - e. **Total cost estimate for prescribed burns: \$9,300**
- 3. **Development of Meridian Conservation Corps** - Volunteer program dedicated to stewardship and conservation in the township
 - a. Continued development, expansion and engagement through M.C.C. programs
 - b. Addition and replacement of any program outreach and materials
 - i. **Total cost estimate for M.C.C. 2024: \$500**
- 4. **Invasive Species Management through coordinator and volunteer stewards**
 - a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment
 - 1. **Cost estimate for 2024 invasive management: \$500 - \$1,000**
- 5. **Invasive Species Management through contracted jobs**
 - a. Smaller invasive patches located throughout the township
 - i. **Cost estimate for 10 acres (small parcels added together): \$12,000**
 - 1. **Total cost estimate for invasive species contract treatment: \$12,000**
- 6. **Interpretive & Directional Signage**
 - a. Tihart - focus signage on prairie/wetland ecosystems
 - i. **Total cost estimate: \$3,000**
- 7. **Reseed prairie areas within preserves using seed banks planted in 2020**
 - a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)
 - i. Have school kids harvest, process and spread seeds if possible
- 8. **Budget for native plants**
 - a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on

the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.

- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$1,000

9. **Increase and expand facebook reach and engagement** for land preservation and parks programs ongoing throughout the year

Total year end cost for 2027 = \$46,960

2028

1. **Development of paid intern program**

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

2. **Prescribed Burns:**

- a. Davis-Foster Burn Unit 2
 - i. Spring or fall of 2028
 - ii. **Cost estimate of 19 acres: \$4,500**
- b. Ted Black Woods (dependent upon the flora and fauna content after the first burn)
 - i. Spring or fall of 2026
 - ii. **Cost estimate for 25 acres: \$6,000**
- c. Lake Lansing North Conservation Easement
 - i. Fall of 2026
 - ii. **Cost estimate: \$7,000 for approximately 30 acres, \$3,500 for 15 acres**

d. Total cost estimate for prescribed burns 2022: \$11,000 - \$14,500

3. **Development of Meridian Conservation Corps** - Volunteer program dedicated to stewardship and conservation in the township

- a. Continued development, expansion and engagement through M.C.C. programs
- b. Addition and replacement of any program outreach and materials

i. **Total cost estimate for M.C.C. 2024: \$500**

4. Invasive Species Management through coordinator and volunteer stewards

a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives

i. Cost of this management is based off the cost of herbicide and equipment

1. Cost estimate for 2024 invasive management: \$500

5. Invasive Species Management through contracted jobs

a. Smaller invasive patches located throughout the township

i. **Cost estimate for 10 acres (small parcels added together): \$12,000**

1. Total cost estimate for invasive species contract treatment: \$5,000

6. Wildlife viewing overlook at Tihart Wetland

a. An extensive overlook that acts as a wildlife viewing area with stairs leading up to a higher vantage point

i. Total cost estimate for overlook: \$10,000 - \$15,000

7. Reseed prairie areas within preserves using seed banks planted in 2020

a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)

i. Have school kids harvest, process and spread seeds if possible

8. Budget for native plants

a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.

b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.

c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$1,000

9. Increase and expand facebook reach and engagement for land preservation and parks programs ongoing throughout the year

Total year end cost for 2028 = \$48,160 - \$56,660

2029

1. Development of paid intern program

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20
- e. Total cost of two interns for 9 months: \$20,160**

2. Prescribed Burns:

- a. Davis-Foster Burn Unit 1
 - i. Spring or fall of 2021
 - ii. Cost estimate of 17 acres: \$3,500**
- b. Tihart Preserve
 - i. Spring or fall of 2023
 - ii. Cost estimate of 13.5 acres: \$2,400**
- c. Southwest Meridian Uplands
 - i. Spring or fall of 2023
 - ii. Cost estimate of 14 acres: \$2,400**

d. Total cost estimate for prescribed burns 2023: \$8,300

3. Development of Meridian Conservation Corps - Volunteer program dedicated to stewardship and conservation in the township

- a. Continued development, expansion and engagement through M.C.C. programs
- b. Addition and replacement of any program outreach and materials
 - i. Total cost estimate for M.C.C.: \$500**

4. Invasive Species Management through coordinator and volunteer stewards

- a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment

1. Cost estimate for invasive management: \$500

5. Invasive Species Management through contracted jobs

- a. Smaller invasive patches located throughout the township
 - i. Cost estimate for 10 acres (small parcels added together): \$12,000**

1. Total cost estimate for invasive species contract treatment: \$12,000

6. Reseed prairie areas within preserves using seed banks planted in 2020

- a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)
 - i. Have school kids harvest, process and spread seeds if possible

7. Budget for native plants

- a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.
- b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
- c. All plants will be purchased from local nurseries to benefit the local economy as well.

i. Total cost for native plants = \$2,000

- 8. Increase and expand facebook reach and engagement for land preservation and parks programs ongoing throughout the year**

Total year end cost for 2029 = \$43,460

2030

1. Development of paid intern program

- a. Two interns for 9 months of the year to help with invasive species mapping and treatment throughout the season - they would help lead invasive species strike team volunteers who will be trained in through the M.C.C. program
- b. Work season February - October
- c. Hourly pay: \$14.00
- d. Hours/week: 20

e. Total cost of two interns for 9 months: \$20,160

2. Prescribed Burns:

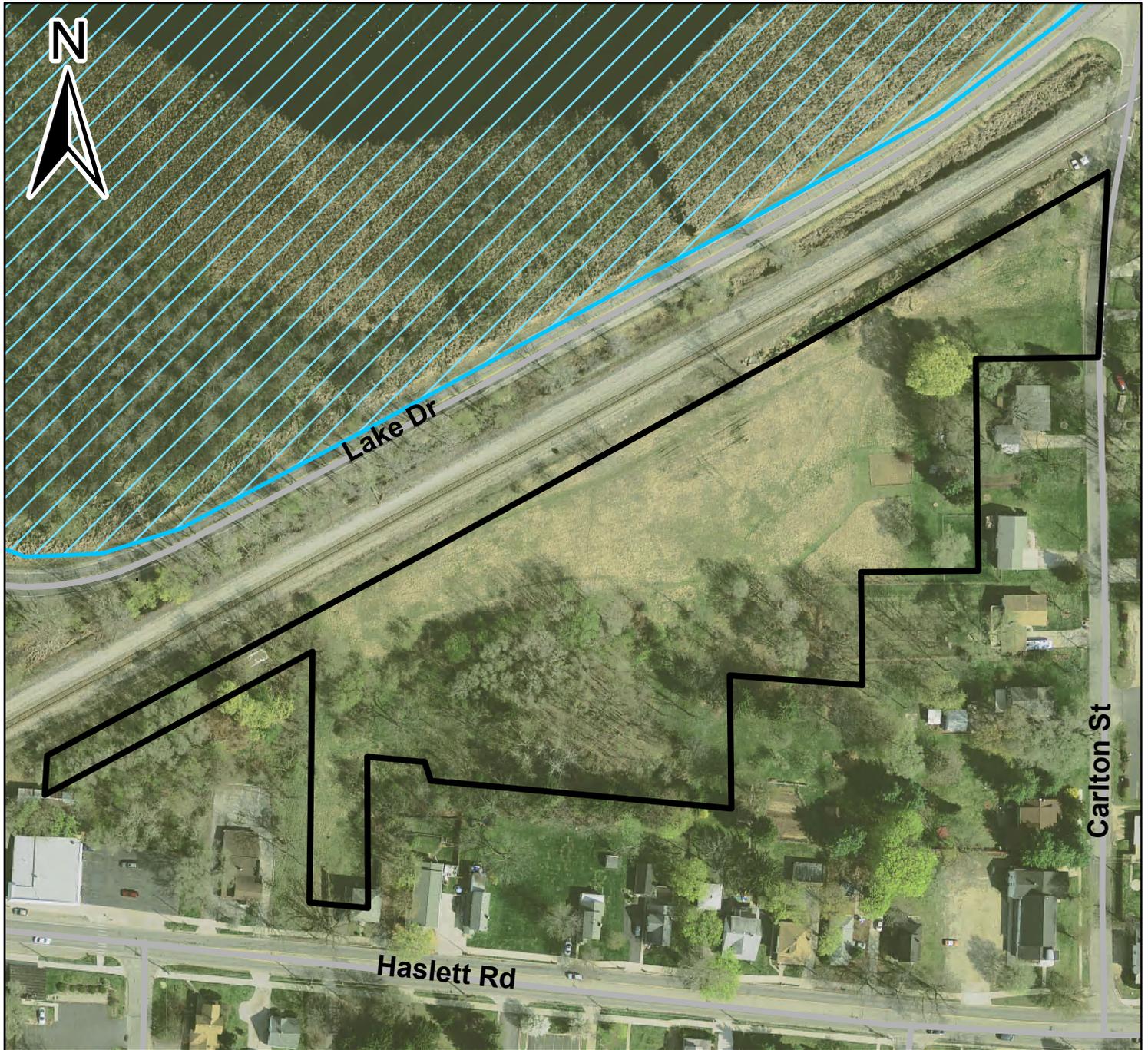
- a. Davis-Foster Burn Unit 4
 - i. Spring or fall of 2026
 - ii. **Cost estimate of 4 acres: \$1,500**
- b. Ted Black Woods (dependent upon the flora and fauna content after the first burn)
 - i. Spring or fall of 2026
 - ii. **Cost estimate for 25 acres: \$6,000**
- c. Lake Lansing North Conservation Easement
 - i. Fall of 2026

- ii. **Cost estimate: \$7,000 for approximately 30 acres, \$3,500 for 15 acres**
 - d. **Total cost estimate for prescribed burns 2022: \$11,000 - \$14,500**
- 3. **Development of Meridian Conservation Corps** - Volunteer program dedicated to stewardship and conservation in the township
 - a. Continued development, expansion and engagement through M.C.C. programs
 - b. Addition and replacement of any program outreach and materials
 - i. **Total cost estimate for M.C.C.: \$500**
- 4. **Invasive Species Management through coordinator and volunteer stewards**
 - a. Ongoing throughout the year at preserves: Fall & winter is cut-stump treatment of woody shrubs, Spring is mechanical pulling of herbaceous plants, and summer is mechanical, foliar and basal stump treatment of all invasives
 - i. Cost of this management is based off the cost of herbicide and equipment
 - 1. **Cost estimate for invasive management: \$500**
- 5. **Invasive Species Management through contracted jobs**
 - a. Smaller invasive patches located throughout the township
 - i. **Cost estimate for 10 acres (small parcels added together): \$12,000**
 - 1. **Total cost estimate for invasive species contract treatment: \$12,000**
- 6. **Reseed prairie areas within preserves using seed banks planted in 2020**
 - a. Foster-Davis, Tihart Preserve, Southwest Meridian Upland, Central Meridian Uplands (Wetland Mitigation Area)
 - i. Have school kids harvest, process and spread seeds if possible
- 7. **Budget for native plants**
 - a. One of biggest priorities in the stewardship/preservation program is the removal of invasive species. Once we remove invasive plants, we can rely on the existing seedbank to provide some native diversity and comeback - it also makes sense to invest some native plantings in areas that we feel could use the extra boost or may be highly suitable for the success of native plantings.
 - b. Preserves and areas within the preserves will be identified through the year and will be applied to this budget.
 - c. All plants will be purchased from local nurseries to benefit the local economy as well.
 - i. **Total cost for native plants = \$2,000**

8. Increase and expand facebook reach and engagement for land preservation and parks programs ongoing throughout the year

Total year end cost for 2030 = \$46,160 - \$49,660

Lake Lansing South Land Preserve



0 0.02 0.04 0.08 Miles

Legend

-  Land Preserve
-  Wetland
-  Roads

Location: West side of Carleton Street north of Haslett Road and south of railroad crossing
Area: 5.5 acres (2 parcels)
Year Acquired: 2010
Purchase Price: \$27,507
Description: Old field

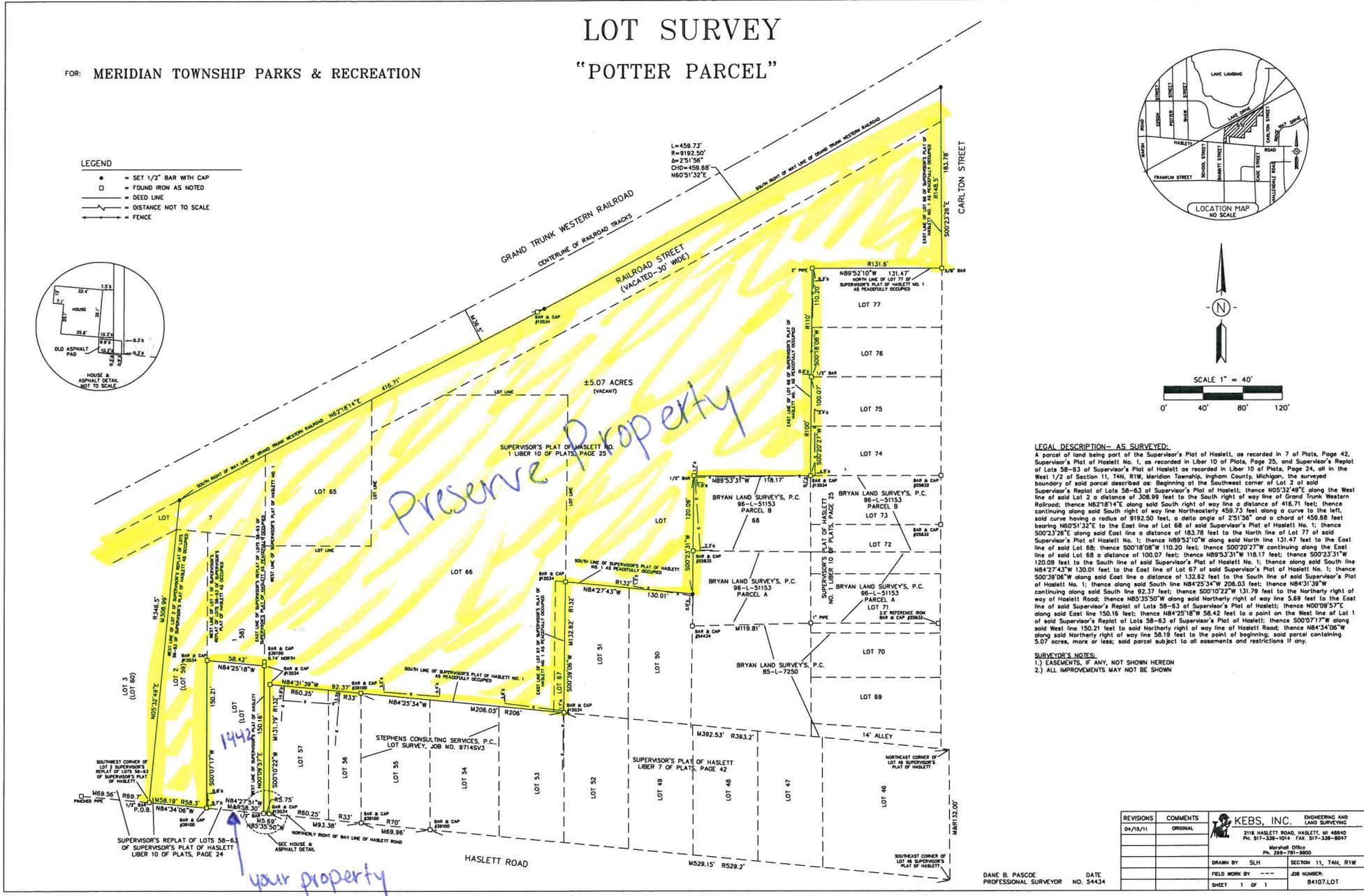
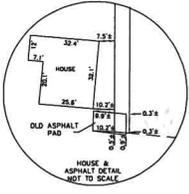
FOR: MERIDIAN TOWNSHIP PARKS & RECREATION

LOT SURVEY "POTTER PARCEL"



SCALE 1" = 40'
0' 40' 80' 120'

LEGEND
 ● = SET 1/2" BAR WITH CAP
 □ = FOUND IRON AS NOTED
 --- = DEED LINE
 --- = DISTANCE NOT TO SCALE
 --- = FENCE



LEGAL DESCRIPTION - AS SURVEYED:
 A parcel of land being part of the Supervisor's Plat of Haslett, as recorded in 7 of Plats, Page 42, Supervisor's Plat of Haslett No. 1, as recorded in Liber 10 of Plats, Page 25, and Supervisor's Replat of Lots 58-63 of Supervisor's Plat of Haslett as recorded in Liber 10 of Plats, Page 24, all in the West 1/2 of Section 11, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Beginning at the Southwest corner of Lot 2 of said Supervisor's Replat of Lots 58-63 of Supervisor's Plat of Haslett; thence M05°32'48"E along the West line of said Lot 2 a distance of 308.99 feet to the South right of way line of Grand Trunk Western Railroad; thence N82°18'14"E along said South right of way line a distance of 418.71 feet; thence continuing along said South right of way line Northeastly 459.73 feet along a curve to the left, said curve having a radius of 9192.50 feet, a delta angle of 2°51'56" and a chord of 459.68 feet bearing N60°51'32"E to the East line of Lot 68 of said Supervisor's Plat of Haslett No. 1; thence S00°23'26"E along said East line a distance of 183.78 feet to the North line of Lot 77 of said Supervisor's Plat of Haslett No. 1; thence N89°52'10"W along said North line 131.47 feet to the East line of said Lot 68; thence S00°18'09"W 110.20 feet; thence S00°20'27"W continuing along the East line of said Lot 68 a distance of 100.07 feet; thence N89°53'31"W 118.17 feet; thence S00°23'31"W 120.09 feet to the South line of said Supervisor's Plat of Haslett No. 1; thence along said South line N84°27'43"W 130.01 feet to the East line of Lot 67 of said Supervisor's Plat of Haslett No. 1; thence S00°39'06"W along said East line a distance of 132.82 feet to the South line of said Supervisor's Plat of Haslett No. 1; thence along said South line N84°25'34"W 206.03 feet; thence N84°31'39"W continuing along said South line 92.37 feet; thence S00°10'22"W 131.79 feet to the Northern right of way line of Haslett Road; thence N85°35'50"W along said Northern right of way line 5.69 feet to the East line of said Supervisor's Replat of Lots 58-63 of Supervisor's Plat of Haslett; thence N00°09'57"E along said East line 150.15 feet; thence N84°25'18"W 58.42 feet to a point on the West line of Lot 1 of said Supervisor's Replat of Lots 58-63 of Supervisor's Plat of Haslett; thence S00°07'17"W along said West line 150.21 feet to said Northern right of way line of Haslett Road; thence N84°34'06"W along said Northern right of way line 58.19 feet to the point of beginning; said parcel containing 5.07 acres, more or less; said parcel subject to all easements and restrictions if any.

SURVEYOR'S NOTES:
 1.) EASEMENTS, IF ANY, NOT SHOWN HEREON
 2.) ALL IMPROVEMENTS MAY NOT BE SHOWN

REVISIONS	COMMENTS	KEBS, INC.	ENGINEERING AND SURVEYING
04/15/11	ORIGINAL	2718 HASELLET ROAD, HASELLET, MI 48840 PH 517-338-7400 FAX 517-338-8847	
		Meridian Office PH 286-781-8800	
		DRAWN BY SLH	SECTION 11, T4N, R1W
		FIELD WORK BY ---	JOB NUMBER:
		SHEET 1 OF 1	84107.LOT

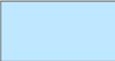
DANE B. PASCOE DATE
 PROFESSIONAL SURVEYOR NO. 54434

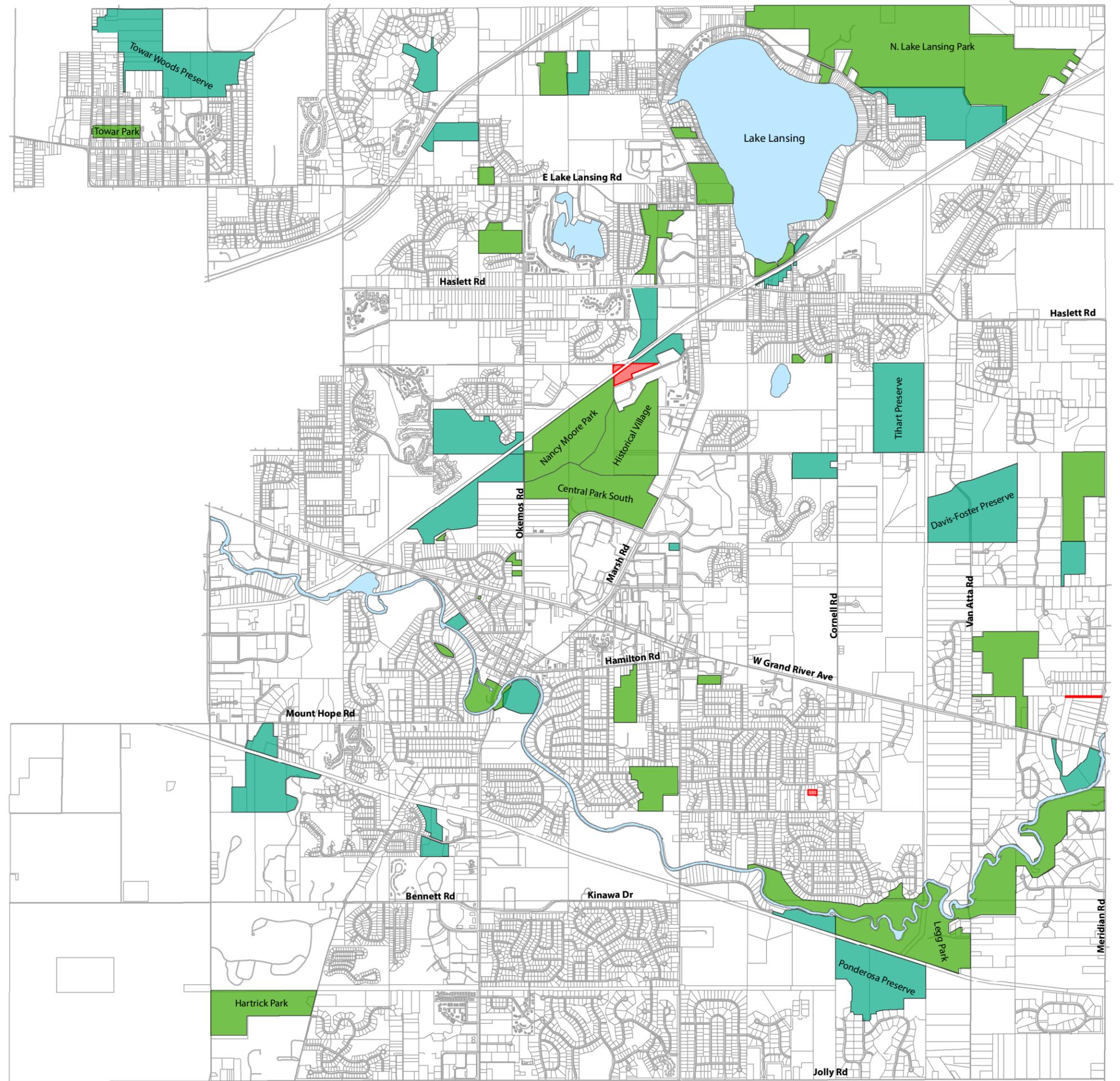
your property



Foreclosed Properties

Legend

-  Foreclosed Parcel
-  Water
-  Land Preservation
-  Park
-  Parcel
-  Street



1 in = 1 miles

Eric A. Schertzing
Ingham County Treasurer

Alan Fox
Chief Deputy Treasurer
(517) 676-7235
afox@ingham.org



Courthouse
P.O. Box 215
Mason, MI 48854-0215
(517) 676-7220
eschertzing@ingham.org

July 29, 2020

Mr. Mark Kieselbach
Director of Community Planning & Development
5151 Marsh Road
Okemos, Michigan 48864

Dear Mr. Kieselbach:

I am writing to you on behalf of Treasurer Eric Schertzing who serves as the Foreclosing Governmental Unit (FGU) for Ingham County under Public Act 123 of 1999; MCL 211.1-211.157.

The COVID-19 Pandemic has significantly impacted our economy and daily life. State Executive Orders 2020-67, 2020-68 and 2020-106 extended the Judicial Foreclosure deadline and redemption until July 20, 2020. Like many counties in Michigan, Treasurer Schertzing did not foreclose on occupied properties to give some of Ingham County's most vulnerable citizens time to recover financially and remain sheltered.

Property considered blighted or vacant was foreclosed upon by the FGU for unpaid property taxes in Meridian Township. Public Act 123 affords certain acquisition rights to government prior to the auction process. I encourage you to review this process at MCL 211.78m(1). Essentially, the Township may acquire the property for public use by paying the taxes owed. A list of all property tax foreclosed parcels located in Meridian Township is enclosed. We ask that this local purchase option be exercised no later than August 17, 2020.

Treasurer Schertzing, working in consultation with local government, spearheaded the creation of the Ingham County Land Bank Authority in 2005 to help combat the problems property tax foreclosed parcels can present to governments and communities. Oftentimes the cost of maintaining such parcels exceeds any benefit a local jurisdiction may gain. Properties that do not sell at the auctions can remain with the local unit, or

after the local unit submits a formal rejection resolution in November, they are typically transferred by the County to the Land Bank at year-end.

However, the State of Michigan and then your jurisdiction have access to these property tax foreclosed parcels prior to the Treasurer's Tax Auction. When this issue is taken up in the township processes, Treasurer Schertzing would be happy to schedule his attendance to answer any questions that may arise.

Also included is a form that may be used to request the F.G.U. add any applicable municipal liens to a foreclosed parcel's minimum bid. This form must be returned no later than August 17, 2020.

Thank you for your assistance in this matter.

Best regards,



Jenna R. Casuccio
Property Tax Forfeiture/Foreclosure Coordinator
Ingham County Treasurer's Office
(517) 676-7237
jcasuccio@ingham.org

Cc: Phil Deschaine, Meridian Township Treasurer

Cc: Brett Dreyfus, Meridian Township Clerk

Enclosure

Meridian Township
2020 Right of First Refusal List

PARCEL	ADDRESS	LEGAL	FRC AMOUNT
33-02-02-15-100-010	Nemoke	M15-2-7, 15-4, 15-4-2 THAT PART OF THE E 1/2 OF THE NW 1/4 OF SEC 15 LYING NORTH OF NEMOKE TRAIL, EXC- NEMOKE TRAILS CONDOMINIUMS, ALSO EXC- G.T.W. RR R/W, ALSO EXC- C.P. CO. R/W DESC AS THE N 16.5 FT OF THE E 1/2 OF NW 1/4 SEC 15 LYING N'LY & W'LY OF G.T.W. RR R/W T4NR1W	2,043.19
33-02-02-24-478-001	(Vac) Meridian	PT. SE 1/4 SE 1/4 LYING N. OF A LINE 1954.5 S. OF E. & W. 1/4 LINE OF SEC 24 & S. OF S. LINE SHERWOOD HILLS SUB., W. OF MERIDIAN RD.	2,680.29
33-02-02-26-176-009	1312 Hatch	M26-11-1 BEG W 1/4 COR SEC 26 -N 89 DEG 50' 28"E, 1775.23 FT (PT BEING 950.225 FT E OF SW COR OF E 30 AC OF W 1/2 OF NW 1/4 SEC 26) -N 0 DEG 00'57"W, 479 FT TO POB -N 89 DEG 50'28" E, 209.40 FT -S 0 DEG 00'57"E, 17 FT -N 89 DEG 50'28"E, 56.4 FT -N 0 DEG 00'57"W, 165 FT -S 89 DEG 50'28"W, 264 FT -S 0 DEG 00'57"E, 148 FT TO POB SEC 26 T4NR1W .92 AC M/L	12,962.23

yes

NO

NO
(how
on
Hatch)

