

**BRIDGEWATER TOWNSHIP BOARD OF TRUSTEES MEETING
THURSDAY, AUGUST 4, 2022, 7:00 P.M.
BRIDGEWATER TOWNSHIP HALL
10990 CLINTON RD, MANCHESTER, MI 48158**

AGENDA

- I. CALL TO ORDER / ESTABLISH QUORUM / PLEDGE ALLEGIANCE
- II. CITIZEN PARTICIPATION
- III. APPROVAL OF BOARD MEETING MINUTES – JUNE 2, 2022
- IV. REVIEW AND APPROVE AGENDA
- V. NEW BUSINESS
 - A. Approval of Claims Listing for June 1, 2022 through July 31, 2022
 - B. Manchester Fire Contract
 - C. Sanitary Sewer Connection Fee Study Proposal
 - D. WCPRC Connecting Communities Resolution
 - E. WCCD Community Trees Pilot Project – Comments on Public Draft
- VI. REPORTS & CORRESPONDANCE
 - A. Public Safety Report – Written report from Sheriff’s Department
 - B. Zoning Administrator’s Report – Written report from Rodney Nanney
 - C. Supervisor’s Report
 - D. Assessor’s Report
 - E. Clerk’s Report
 - F. Treasurer’s Report
 - G. Trustees’ Report
 - H. Broadband Task Force Report – No report
 - I. Planning Commission Report – Minutes included in Board Packet
 - J. Farmland Preservation Board Report – Minutes included in Board Packet
- VII. CITIZEN PARTICIPATION
- VIII. ADJOURNMENT

Bridgewater Township Board of Trustees Minutes

I. CALL TO ORDER

2-Jun-22 meeting called to order by Supervisor Fromhart at 7:01 p.m. followed by the Pledge of Allegiance at Bridgewater Township Hall, 10990 Clinton Road, Manchester, MI.

Present:5 Trustee Faust; Trustee Fromhart; Trustee McQueer; Trustee Ahrens, Trustee Oliver.

Absent:0

Citizen attendance: 1

II. CITIZEN PARTICIPATION

- Citizen wanted to hear our discussion about the Arkona Road culvert.

III. APPROVAL OF MINUTES

- Motion to approve the previous meeting minutes as amended – Ms. Fromhart; support – Mr. Faust; vote – unanimous.

IV. REVIEW AND APPROVE AGENDA

- Motion to approve the agenda as presented – Ms. McQueer; support –Mr. Oliver; vote – unanimous.

V. UNFINISHED BUSINESS

A. Arkona Road Culvert Agreement

- Motion to approve WCRC bid for the replacement of the Arkona Road culvert. – Mr. Oliver; support – Ms. Ahrens. vote – unanimous

VI. NEW BUSINESS

A. Approval of Claims Listing

- Motion to approve disbursements of \$13,166.70 for general operations and \$6,026.54 for sewer operations; total expenditure of \$19,193.24 for the month of May – Mr. Faust; support – Mr. Oliver; vote – unanimous.

B. Auditor's Engagement Letter

- Motion to approve Auditor's Engagement letter with no price change. – Ms. McQueer; support –Mr. Oliver; vote – unanimous

C. WWTP Driveway Improvement Proposal

Motion to approve WWTP driveway and culvert bid from Faust Sand and Gravel, not to exceed \$7,000.00 – Ms. McQueer; support – Ms. Ahrens vote – unanimous

D. Sewer Connection Tap Fees Resolution

- Motion to request a quote from our Engineer, Beckett & Raeder for a long term and capital improvement plan for the Wastewater Treatment Plant. – Ms. Fromhart; support – Ms. Ahrens vote – unanimous
- Motion to table WWTP tap fee Resolution for now. – Ms. Fromhart; support – Ms. Ahrens vote – unanimous

E. WWCA Office Manager Wage Increase Request.

- Board agreed to a wage increase for the Office Manager of the Western Washtenaw Construction Authority.

Bridgewater Township Board of Trustees Minutes

F. Township Website Discussion

- Board agreed to look into new website providers.

VII. REPORTS AND CORRESPONDENCE

A. Public Safety Report

- A written report from the sheriff is included in the board packet.

B. Supervisor's Report

- See board packet.

C. Assessor's Report

- No Report.

D. Clerk's Report

- New voter ID cards and permanent AV ballot applications were mailed on June 10th.
- Statement regarding resignation of Sewer billing Clerk position; After a private conversation with Supervisor Fromhart, Clerk McQueer agreed to continue the position of Sewer billing Clerk as it currently is performed.

E. Treasurer's Report

- Preparing July 1st tax billing.
- Tax bills will mail July 1, 2022.

F. Trustees' Report

- Trustee Faust
 - No Report
- Trustee Oliver
 - No Report

G. Zoning Administrator's Report

- A written report from Mr. Nanney is included in the board packet.

H. Broadband Task Force Report

- There was no report from the Broadband Task Force

I. Planning Commission

- A written report is included in the board packet.

J. Farmland Preservation Board Report

- There was no meeting in May.

VIII. CITIZEN PARTICIPATION

- None

IX. ADJOURNMENT

- Ms. Fromhart adjourned the meeting at 9:20 p.m.

Type	Date	Num	Split	Amount
22-Jun				
Bill	6/30/2022	10030	Bridgewater General Store	5265728 · I \$450.00
Bill	6/30/2022	ETF	Cardmember Service	-SPLIT- \$627.02
Bill	6/30/2022	10029	Clayton and Mary Rider Assessing Service	-SPLIT- \$1,991.67
Bill	6/30/2022	ETF	Consumers Energy	5265728 · I \$15.00
Bill	6/30/2022	ETF	Detroit Edison Company - Hall	5265728 · I \$46.89
Bill	6/30/2022	ETF	Detroit Edison Company - Street Lights	5440852 · I \$274.97
Bill	6/30/2022	ETF	Frontier	5265728 · I \$109.59
Bill	6/30/2022	10031	Jon Way	-SPLIT- \$655.00
Bill	6/30/2022	ETF	Paychex - fees	5215727 · I \$168.30
Bill	6/30/2022	ETF	Paychex - payroll	-SPLIT- \$7,319.39
Bill	6/30/2022	ETF	Staples	-SPLIT- \$97.88
22-Jun				\$11,755.71

CLERK

TREASURER

Type	Date	Num	Split	Amount
	22-Jul			
Bill	7/31/2022	10034	AT&T	5265728 · Maintenance & Utilities \$56.04
Bill	7/31/2022	10035	BS&A	-SPLIT- \$1,214.00
Bill	7/31/2022	EFT	Cardmember Service	-SPLIT- \$2,192.91
Bill	7/31/2022	10041	Clayton and Mary Rider Assessing Service	-SPLIT- \$2,484.57
Bill	7/31/2022	EFT	Consumers Energy	5265728 · Maintenance & Utilities \$15.00
Bill	7/31/2022	EFT	Detroit Edison Company - Hall	5265728 · Maintenance & Utilities \$62.70
Bill	7/31/2022	EFT	Detroit Edison Company - Street Lights	5440852 · Street lighting \$273.24
Bill	7/31/2022	10042	Donald N. Pennington	-SPLIT- \$2,472.50
Bill	7/31/2022	EFT	Frontier	5265728 · Maintenance & Utilities \$109.42
Bill	7/31/2022	10036	Maria Stedman	5265728 · Maintenance & Utilities \$75.00
Bill	7/31/2022	10037	Michelle McQueer	-SPLIT- \$410.60
Bill	7/31/2022	10038	Michigan Municipal League	5173912 · Insurance & Bonds \$1,963.69
Bill	7/31/2022	EFT	Paychex - fees	5215727 · Clerk supplies & expense \$213.82
Bill	7/31/2022	EFT	Paychex - payroll	-SPLIT- \$6,339.77
Bill	7/31/2022	10039	Village of Clinton	5339727 · Fire protection billing expen \$7,166.00
Bill	7/31/2022	10040	Washtenaw County Road Commission	5440846 · Road Improvements \$10,189.19
	22-Jul			\$35,238.45

CLERK

TREASURER

Jul 29, 2022
 Accrual Basis

Bridgewater Township Profit & Loss Budget vs. Actual April 2022 through March 2023

	Apr '22 - Mar 23	Budget	\$ Over Budget
Income			
Clean-up Day Grant	0	2,500	-2,500
Clean Up Donation	0	150	-150
4402 · Property tax - operation	15	90,500	-90,485
4405 · Property tax - fire millage	0	50,800	-50,800
4447 · Tax administration fee	0	35,500	-35,500
4448 · Tax collection fees	0	3,600	-3,600
4460 · Township permits	1,000	500	500
4465 · Land division fees	0	600	-600
4574 · Revenue sharing	0	154,959	-154,959
4665 · Interest Income	7	300	-293
4672 · Other Income	0	100	-100
4675 · Metro Auth.-restricted to roads	0	3,800	-3,800
4700 · Election Reimbursement	0	800	-800
Total Income	1,023	344,109	-343,086
Gross Profit	1,023	344,109	-343,086
Expense			
5101000 · Township Board			
5101703 · Trustee salary	1,665	4,994	-3,329
5101727 · Township supplies & expenses	60	500	-440
5101770 · Conferences & Training	0	500	-500
Total 5101000 · Township Board	1,724	5,994	-4,270
5171000 · Supervisor			
5171703 · Supervisor Salary	6,225	18,674	-12,449
5171727 · Supervisor Expense	74	1,000	-926
5209000 · Assessor			
5209705 · Board of Review expenses	139	1,300	-1,161
5209805 · Assessor Wages	7,567	22,800	-15,233
5209810 · Assessor Expense	747	2,500	-1,753
Total 5209000 · Assessor	8,453	26,600	-18,147
Total 5171000 · Supervisor	14,751	46,274	-31,523
5173000 · Other General Government			
5173715 · Social Security	1,832	5,000	-3,168
5173801 · Attorney & Consulting Expenses	0	1,500	-1,500
5173802 · Audit fees	0	6,000	-6,000
5173811 · Membership fees & dues	0	2,300	-2,300
5173895 · Website Administrator	500	500	0
5173912 · Insurance & Bonds	1,148	7,000	-5,852
5173955 · Miscellaneous	-24		
5173000 · Other General Government - Other	-15	0	-15
Total 5173000 · Other General Government	3,441	22,300	-18,859
5215700 · Clerk			
5173900 · Printing & publishing	265	500	-235
5174810 · Deputy Clerk	828	1,600	-772
5191727 · Election expense	1,749	5,000	-3,251
5215703 · Clerk salary	6,467	19,400	-12,933
5215727 · Clerk supplies & expense	1,066	3,200	-2,134
Total 5215700 · Clerk	10,375	29,700	-19,325
5253700 · Treasurer			
5253701 · Tax Collection Expense	1,329	2,500	-1,171
5253703 · Treasurer salary	7,025	21,075	-14,050
5253704 · Deputy Treasurer Wages	120	1,600	-1,480
5253727 · Treasurer supplies & expenses	508	2,000	-1,492
Total 5253700 · Treasurer	8,981	27,175	-18,194

Jul 29, 2022
 Accrual Basis

Bridgewater Township Profit & Loss Budget vs. Actual April 2022 through March 2023

	Apr '22 - Mar 23	Budget	\$ Over Budget
5265000 · Building & Grounds			
5265728 · Maintenance & Utilities	2,465	7,500	-5,035
5265925 · Cemetery care	677	2,700	-2,023
5265980 · Building improvement & equipmen	0	5,000	-5,000
Total 5265000 · Building & Grounds	3,142	15,200	-12,058
5301800 · Public Safety			
5339727 · Fire protection billing expense	14,332	75,000	-60,668
Total 5301800 · Public Safety	14,332	75,000	-60,668
5400700 · Planning & zoning			
5400701 · Planning			
5400727 · Planning comm. wage & expense	1,225	5,500	-4,275
5400803 · Planning consultant - on-going	2,446	7,000	-4,554
5411810 · Conferences & Training	0	1,000	-1,000
Total 5400701 · Planning	3,671	13,500	-9,829
5410726 · Zoning			
5410704 · Land Division Processing Fees	800	1,500	-700
5410727 · Zoning ad.wage & expense	2,480	7,500	-5,020
5411727 · Zon Bd of Appeals Expense	0	500	-500
Total 5410726 · Zoning	3,280	9,500	-6,220
Total 5400700 · Planning & zoning	6,951	23,000	-16,049
5440000 · Public works			
5440846 · Road Improvements	10,189	47,000	-36,811
5440847 · Drains at large	39,781	40,000	-219
5440849 · Clean-up Day	0	3,000	-3,000
5440852 · Street lighting	5,883	8,966	-3,083
Total 5440000 · Public works	55,853	98,966	-43,113
5500000 · Contingencies	0	500	-500
Total Expense	119,551	344,109	-224,558
Net Income	-118,528	0	-118,528

Bridgewater Township General Fund
Balance Sheet
As of July 31, 2022

Jul 29, 2022
Accrual Basis

	Jul 31, 22
ASSETS	
Current Assets	
Checking/Savings	
1002 · General Checking-Key Bank	56,475.73
1010 · General Savings-Key Bank	174,406.86
1016 · Bank of Ann Arbor 5yr	106,418.05
1017 · Old National 5 yr	118,737.71
Total Checking/Savings	456,038.35
Accounts Receivable	
1200 · Accounts Receivable	48,074.00
Total Accounts Receivable	48,074.00
Other Current Assets	
1081 · Due from Sewer Operations	841.68
1085 · Due From Tax Fund	2,210.00
1201 · Accounts Receivable 2	1,590.00
Total Other Current Assets	4,641.68
Total Current Assets	508,754.03
Fixed Assets	
1600 · Buildings	98,329.35
1610 · Equipment	28,244.21
1620 · Land	70,863.09
1630 · Siding & Windows	17,049.00
1640 · Township Hall Improvements	54,079.30
1650 · Accumulated Depreciation	-95,648.85
Total Fixed Assets	172,916.10
TOTAL ASSETS	681,670.13
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	54,934.34
Total Accounts Payable	54,934.34
Credit Cards	
2050 · Comerica - Clerk/Treasurer	-596.43
Total Credit Cards	-596.43
Other Current Liabilities	
2100 · Payroll Liabilities	-755.58
2217 · Escrow Deposits Payable	
Tillman Escrow	-467.50
2220 · Due to SMR-Elliott parcel	2,500.00
2233 · Due to SMR-Crego/Peltcs	-2,876.25
2252 · Due Metro General Contractors	1,000.00
2253-01 · Due to Bridgewater Commons	485.00
Total 2217 · Escrow Deposits Payable	641.25
Total Other Current Liabilities	-114.33
Total Current Liabilities	54,223.58
Long Term Liabilities	
2900 · Deferred revenue-ARPA	90,590.50
Total Long Term Liabilities	90,590.50
Total Liabilities	144,814.08

Bridgewater Township General Fund

Balance Sheet

As of July 31, 2022

Jul 29, 2022
Accrual Basis

	<u>Jul 31, 22</u>
Equity	
3900 · Fund Balance	482,467.28
3940 · Invested in Capital Assets, Net	172,916.84
Net Income	<u>-118,528.07</u>
Total Equity	<u>536,856.05</u>
TOTAL LIABILITIES & EQUITY	<u><u>681,670.13</u></u>

Type	Date	Num	Split		Amount
Jun - Jul 22					
Bill	6/30/2022	EFT	DTE Energy	Electricity	\$1,498.99
Bill	6/30/2022	EFT	Frontier	Phone Service	\$70.90
Bill	6/30/2022	1587	Haviland	Chemicals	\$1,058.75
Bill	6/30/2022	1589	Jon Way	Building & Grounds Maintenance	\$300.00
Bill	6/30/2022		Village of Manchester	Plant Operator	\$3,033.56
Jun - Jul 22					\$6,161.21

Clerk

Treasurer

Type	Date	Num	Split	Amount
	22-Jul			
Bill	7/31/2022	1591	Chelsea Lumber Company	Supplies \$4.59
Bill	7/31/2022	EFT	DTE Energy	Electricity \$1,540.47
Bill	7/31/2022	EFT	Frontier	Phone Service \$76.33
Bill	7/31/2022	1592	John Schaible	Building & Grounds Maintenance \$7,250.00
Bill	7/31/2022	1590	USIC Locating Services, LLC	-SPLIT- \$199.01
Bill	7/31/2022	1593	Village of Manchester	Plant Operator \$2,952.04
	22-Jul			\$12,022.44

Clerk

Treasurer

**Bridgewater Township Sewer Operation
 Profit & Loss Budget vs. Actual
 April through July 2022**

	<u>Apr - Jul 22</u>	<u>Budget</u>
Ordinary Income/Expense		
Income		
Connection Fees	55,759.90	
Interest Income Master Account		
Interest Income Checking	7.40	
Total Interest Income Master Account	7.40	
Operation Maintenance Income	32,760.00	
Total Income	88,527.30	
Gross Profit	88,527.30	
Expense		
Collection System		
Billing		
Billing Clerk	100.00	
Total Billing	100.00	
Grinder Pump repairs	5,090.01	
Miss Dig Locator Service	199.01	
Total Collection System	5,389.02	
Treatment Plant		
Building & Grounds Maintenance	8,370.00	
Chemicals	2,117.50	
Electricity	6,379.48	
Generator Maintenance Contract	973.70	
Phone Service	289.81	
Plant Operator	11,889.68	
Supplies	595.75	
Total Treatment Plant	30,615.92	
Total Expense	36,004.94	
Net Ordinary Income	52,522.36	
Net Income	52,522.36	

Bridgewater Township Sewer Operation
Balance Sheet
As of July 31, 2022

	<u>Jul 31, 22</u>
ASSETS	
Current Assets	
Checking/Savings	
Key-Sewer O/M	
Capital Improvements Reserve	36,000.00
Key-Sewer O/M - Other	82,583.68
Total Key-Sewer O/M	118,583.68
Key Sewer O/M Saving	180,145.24
Total Checking/Savings	298,728.92
Accounts Receivable	
Accounts receivable	11,695.00
Total Accounts Receivable	11,695.00
Other Current Assets	
Due From Tax	12,929.10
Taxes Receivable Special Asst	12,685.04
Total Other Current Assets	25,614.14
Total Current Assets	336,038.06
Fixed Assets	
Accessory Building	51,987.02
Accumulated Depr - Access Bldg	-10,693.65
Equipment	101,752.20
Accumulated Depr - Equipment	-70,799.44
Sewer System Plant	1,966,444.05
Accumulated Depr - Sewer System	-778,383.78
Land	55,355.06
Total Fixed Assets	1,315,661.46
Other Assets	
Special Assessment Receivable	8,331.24
Total Other Assets	8,331.24
TOTAL ASSETS	1,660,030.76
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
Due to General Fund	-20.00
Total Other Current Liabilities	-20.00
Total Current Liabilities	-20.00
Total Liabilities	-20.00
Equity	
Invested in capital assets, net	1,315,661.00
Unrestricted Funds (QB RE acct)	291,867.40
Net Income	52,522.36
Total Equity	1,660,050.76
TOTAL LIABILITIES & EQUITY	1,660,030.76

MANCHESTER TOWNSHIP FIRE/RESCUE PROTECTION CONTRACT

1. This agreement, made this ____ Day of _____ 2022, is by and between the Townships of Manchester, Bridgewater, Freedom, and Sharon, all municipal corporations in the County of Washtenaw, State of Michigan.
2. Manchester Township, by several formal or informal agreements, has for many years provided the services and equipment of its Fire/Rescue Department to furnish fire protection and rescue service for the other surrounding Townships as well as Manchester Township, and the four above named Townships desire to continue this protection and service by entering into the following new agreement to be in effect for a term of three (3) years beginning July 1, 2022.
3. This agreement is intended to be a joint agreement among all of the four Townships named above, and shall be of no force and effect until approved by the respective boards of trustees of the four Townships and properly executed by their respective officers. The Township of Manchester will provide for the availability and maintenance of its existing fire/rescue equipment and such other equipment as it will be able to procure under the fund arrangements made in this agreement.
4. The Township of Manchester will provide adequate facilities for the housing of the fire/rescue equipment. The Township of Manchester will equip, train, insure, and pay all members and employees of the Fire/Rescue Department.
5. The Township of Manchester shall pay all wages, maintenance, and administrative costs of the operation of its Fire/Rescue Department with contributions from the other Townships as provided in this agreement.
6. Each participating Township shall be responsible to designate what areas of its Township it wants serviced by the Manchester Fire/Rescue Department. Any subsequent changes made by a Township to its service area will not take effect until the next full billing cycle.
7. Each participating Township shall be responsible for the costs incurred for hazardous material responses and recovery, specialty rescue operations, and heavy rescue operations within its service areas. Each participating Township shall have a hazardous material cost recovery ordinance and provide a copy of that ordinance to Township of Manchester.
8. An annual Equipment Fund of \$100,000.00 is to be raised for Manchester Township to help defray Manchester Township's costs of purchasing and replacing fire/rescue equipment: Manchester Township shall only use this Fund for this purpose and shall not use it for maintenance, repair, and administrative or other costs of its Fire/Rescue Department.
9. An annual Housing Fund of \$8,000.00 is to be raised for Manchester Township to

help defray Manchester Township's costs for the improvement or major maintenance of the housing for its fire/rescue equipment.

10. A statement showing all costs of operation, maintenance, and administration of the Fire/Rescue Department for the six (6) months ending on the last day of the month prior to due date of payment shall be submitted to all of the Townships. Payments to Manchester Township for providing fire protection and rescue service shall be made and calculated as follows: Each Township's share of the costs of operation, maintenance, and administration, along with its share of the annual Equipment Fund and the annual Housing Fund, shall be apportioned semi-annually based on the following "weighted formula:"

The "weighted formula" shall include three (3) factors within the fire service area:

1. Historical usage weighted at 50%: The number of fire/rescue calls for or runs into each township shall be calculated for the prior three (3) years and an average determined. This average will be used to calculate a percentage share for each township of all fire/rescue calls or runs. Manchester Township is understood to include the Village of Manchester within its geographic border.
2. Population weighted at 25%: The population within the service area for each township shall be determined from the most recent U.S. Census Report and used to calculate a percentage share of the entire population within all service areas.
3. State equalized evaluation (S.E.V.) weighted at 25%: The total S.E.V. within the service area for each township shall be determined from the current year "Washtenaw County Equalization Report" and used to calculate a percentage share of the total S.E.V. within all service areas.

Application of the weighted formula will be as shown in Exhibit 1, attached to this agreement.

The above semi-annual payments shall be due January 20 and July 20 of each year, and shall be paid not later than 30 days after the due date. Late payments will incur a 1% per month late charge each month or portion thereof until payment is received.

11. Manchester Township will provide each participating Township a monthly listing of all fire/rescue calls or runs into that Township's borders. Such listing will, to the best of Manchester Township's ability, include date and time of call, type of call, location of call, and names and addresses of person or persons involved in each call or run. We will not include any personal protected information.

12. The administration of the Manchester Fire/Rescue Department is the exclusive

responsibility of Manchester Township and all liabilities and obligations incurred in the operation of the Fire/Rescue Department shall be exclusively that of Manchester Township excepting the participating Townships' obligations to delineate service areas and make payments as set forth in this agreement. All fire/rescue equipment and housing of the Manchester Fire/Rescue Department are the exclusive property of Manchester Township. However, the other participating Townships may make such inspections of equipment, run/call records, and cost statements as desired at mutually agreeable times.

13. This agreement may be renewed by mutual agreement and by appropriate resolutions of the respective boards of trustees of all of the four Townships, and appropriate endorsement of this agreement pursuant to those resolutions by the respective officers of each Township.

14. Failure to ratify this agreement within 60 days of presentation will result in a 60 day notice of service cancellation.

The Board of Trustees of MANCHESTER TOWNSHIP has ratified this agreement at the regular meeting held on the 14th day of June, 2022. The Supervisor and the Clerk being authorized to execute this agreement for the Township.

By _____ By _____
Township Supervisor Township Clerk

The Board of Trustees of BRIDGEWATER TOWNSHIP has ratified this agreement at the regular meeting held on the _____ day of _____, 2022. The Supervisor and the Clerk being authorized to execute this agreement for the Township.

By _____ By _____
Township Supervisor Township Clerk

The Board of Trustees of FREEDOM TOWNSHIP has ratified this agreement at the regular meeting held on the _____ day of _____, 2022. The Supervisor and the Clerk being authorized to execute this agreement for the Township.

By _____ By _____
Township Supervisor Township Clerk

The Board of Trustees of SHARON TOWNSHIP has ratified this agreement at the regular meeting held on the _____ day of _____, 2022. The Supervisor and the Clerk being authorized to execute this agreement for the Township.

By _____ By _____
Township Supervisor Township Clerk

[Type here]

July 29, 2022

Laurie Fromhart
Bridgewater Township
10900 Clinton Road
Manchester, MI 48158

Regarding: Sanitary Sewer Connection Fee Study



Ms. Fromhart,

We appreciate the opportunity to submit a proposal for civil engineering services to perform a study for Bridgewater Township to assist in determining the sanitary sewer connection fee. In general, our study will make recommendations for connection fees for the next five fiscal years (2023-2027). We anticipate the following tasks to complete this work:

1. *Data Collection*

We will have a project meeting with Township staff to review the following data:

- Past sanitary sewer rates and REU charges.
- Any previous studies or correspondences relates to historical rates.
- Operation and maintenance costs for the last three years.
- Sewer revenues.
- Inventory of sanitary sewer system assets.

2. *Draft Study*

We will have a project meeting with Township staff to review the draft study to discuss preliminary findings.

3. *Final Study and Presentation*

We will present the final study with recommended REU rates at a public Township Board meeting (November 3, 2022).

It is anticipated that we will complete this work prior to the November 3, 2022 Township Board meeting for a lump sum fee of **\$6,000**. If there are any questions regarding this proposal, please contact me directly at (734) 216-2975.

Thank you,

Kristofer Enlow, P.E.
Partner

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

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Petoskey Office
113 Howard St.
Petoskey, MI 49770

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Traverse City Office
148 East Front Street, Suite 207
Traverse City, MI 49684

231 933.8400 ph
231 944.1709 fx

Toledo
419.242.3428 ph



Washtenaw County Parks and Recreation Commission

April 22, 2022

SUPERVISOR LAURIE FROMHART
BRIDGEWATER TOWNSHIP
10990 CLINTON RD
MANCHESTER, MI 48158

Connecting Communities Initiative

Dear Supervisor Fromhart:

The Washtenaw County Parks and Recreation Commission (WCPARC) is pleased to announce the 2022 Connecting Communities grant application cycle. Through this competitive grant program, WCPARC is partnering with local communities to build trails that connect to the Border to Border Trail and/or link County residents to community resources (e.g., parks, historic sites, places of employment, schools, etc.) and to each other.

Enclosed, please find the program description, selection criteria, and application. We have included the scoring criteria form to assist with project planning and preparing your grant application. A PDF for the application may be found at: www.washtenaw.org/953. **Applications must be received no later than 4:00 pm, Wednesday, August 31, 2022.** WCPARC staff will review and score applications and make recommendations to the Washtenaw County Parks and Recreation Commission for funding approval, typically in November.

This year, staff will be offering an informational webinar via Zoom on Tuesday, May 24, at 11am. If you have not applied for a Connecting Communities grant in the past or would like to learn more about the initiative, we encourage you to attend. We will also place a copy of the presentation on our website after the session.

Please contact our grant coordinator Kira Macyda at macydak@washtenaw.org by July 15, to discuss your potential project and notify us of your intent to submit. We look forward to working with you to build a more comprehensive trail network throughout Washtenaw County.

Sincerely,

A handwritten signature in black ink, appearing to read "Coy P. Vaughn".

Coy P. Vaughn
Director

Enclosures

**BRIDGEWATER TOWNSHIP
BOARD OF TRUSTEES
A RESOLUTION TO PLEA FOR WASHTENAW COUNTY FUNDING
FOR THE PURCHASE OF LAND TO BE USED AS TRAILS, PARKS OR
PRESERVES BE REDIRECTED FROM BRIDGEWATER TOWNSHIP TO
OTHER COMMUNITIES
RESOLUTION 2022-09**

WHEREAS, Bridgewater Township Board of Trustees has received the 2022 Connecting Communities Initiative Request for Proposals; and,

WHEREAS, Bridgewater Township Board of Trustees has a duty to represent our constituents on the county level in land-use matters; and,

WHEREAS, Bridgewater Township Board of Trustees has been approached with formal proposals for trails to be placed through our township; and,

WHEREAS, Bridgewater Township constituents strongly and vocally opposed the trails with “NO TRAILS, NO WAY!” lawn signs erected in many yards throughout the community; and,

WHEREAS, over 400 out of 1600 total Bridgewater Township residents attended a Bridgewater Township Board of Trustees meeting and public hearing to oppose trails in Bridgewater Township; and,

WHEREAS, the Bridgewater Township Board of Trustees has evaluated the County Parks statement of intent to continue to seek to purchase river-front properties in Bridgewater Township and its adjoining communities; and,

WHEREAS, with the now-clear and publicized Washtenaw County Parks and Recreation Commission’s “Connecting Communities Initiative,” the Bridgewater Township Board of Trustees views this Resolution both timely and consistent with the views of the people we represent.

NOW THEREFORE, WE RESOLVE, as representatives of our constituents, to strongly oppose any purchase of land in Bridgewater Township to be used as trails, parks, or preserves and ask that Washtenaw County Parks and Recreation Department redirect such funding to other communities that welcome these land uses.

WE FURTHER RESOLVE to oppose any further government funding directed toward such projects because we believe that it is fiscally irresponsible.

The foregoing resolution offered by Trustee _____ and supported by Trustee _____.

Upon roll-call vote, the following members voted:

AYE:
NAY:

ABSTAIN:
ABSENT:

The Supervisor declared the motion passed and Resolution 2022-09 duly adopted.

Certification:

I, Michelle McQueer, the undersigned Clerk of the Township of Bridgewater, hereby certify that the foregoing resolution is a true and complete copy of a resolution adopted at a regular meeting of the Board of Trustees of the Township of Bridgewater, held on August 4, 2022 the original of which is on file in my office, and that notice of such meeting was given, and the meeting was conducted, pursuant to and in compliance with Act No. 267, Michigan Public acts of 1976, as amended.

Michelle McQueer
Bridgewater Township Clerk

Bridgewater Township

Community Trees Profile

Strengths

- **Zoning to Protect Agriculture, Open Space, and Natural Features**
 - Bridgewater Township is a proud rural and agricultural community with a long legacy of farming. Over 70% of the Township’s land area is comprised of agricultural uses¹, and the overwhelming majority of the Township’s parcels are zoned as General Agriculture (AG). The purpose of this zoning district is to:
 - *“conserve the rural character, agricultural uses, farmlands and operating farmsteads, and natural resource areas and fragile lands of the Township in accordance with the Township’s Growth Management Plan. This district is composed of a mixture of prime agricultural lands, other tilled lands, woodlands, wetlands, pastures, and open fields or scrublands; with farmsteads and low density single family residences occurring along predominantly gravel roads.”²*
 - The Township’s commitment to agriculture is also evidenced by its Agricultural Preservation Overlay area (see Map LUP 2).³ The map “is presented to indicate areas in the Township where preservation of agricultural land is supported,” to qualify the area for participation in the State of Michigan’s Agricultural Preservation fund, and to designate areas of the Township that are eligible for preservation via its Purchase of Development Rights Ordinance.⁴ The following land use classifications are included within the area:
 - Agricultural
 - Natural Features
 - Rural residential
 - While Bridgewater Township’s Master Plan was updated in 2014, its publicly available zoning map is dated to 2005. Therefore, it is possible that this Agricultural Preservation Overlay has been adopted into the Township’s zoning map, but that change has yet to be updated publicly. WCCD should connect with Township leaders to determine if this is the case.
- **Benefits of Natural Features Recognized through Planning**
 - Throughout the Master Plan and Ordinances, multiple references note the importance of natural features.

¹ [Master Plan, Chapter 3: Existing Land Use](#), pg. 1

² [Zoning Ordinance](#): Article 2, Sec. 2.103

³ [Master Plan, Chapter 4: Land Use Plan](#), pg. 3

⁴ [Master Plan, Chapter 4: Land Use Plan](#), pg. 5

- *“Bridgewater Township is fortunate to have many outstanding natural features that enhance our community and can continue to do so with proper protective measures and planning.”⁵*
- *“Bridgewater Township is a desirable place to live, work and visit in large part because of the availability of farmland and the relief that agricultural fields bring. Scenic views, agriculture, open spaces, and wildlife habitat are all considered invaluable natural and aesthetic resources and should be protected.”⁶*
- *“Woodlands, water bodies and vacant land make up 4,263 acres of land, or 18% of the Township’s total area. Much of the land in this category is heavily wooded, especially along the Raisin River, as well as around Columbia, Schaffer, and Joslin Lakes in the northeast portion of the Township.”⁷*

Challenges

- **Balancing Agricultural Use with Natural Features Protection**
 - Agricultural operations can produce waste and runoff that degrade natural features and ecosystem services, such as clean water. For example, excessive nutrient applications on agricultural fields can enter local waterways and harm the ecosystem. Protecting both Bridgewater’s proud agricultural legacy and its wetlands, rivers, and woodlands is top priority for the community. Support from local leaders, including the adoption of policies that preserve natural features and encouragement of landowners to adopt conservation practices that reduce potential harm, are key. Examples of conservation practices that utilize trees can be found in the Opportunities section below.⁸
- **Expectations of County-Owned Nature Preserves**
 - Washtenaw County has established two nature preserves within Bridgewater Township as part of its Natural Areas Preservation Program (NAPP); this involved the County purchasing land with significant natural features, including woodlands, and adding amenities to facilitate public access. However, differing views of how nature preserves should function as well as trespass concerns have arisen.
 - Per the [Chapter 5 of the Township’s Master plan](#):
 - *“Where challenges have arisen is in the different understanding between the Township and county of what activities should be permissible in a nature preserve, and with the extent or lack of security and oversight of activities within these areas. For the Township, a nature preserve is intended to protect and preserve lands in their natural state. The WCPRC has indicated a preference to develop such sites with more intensive park amenities such as kiosks, signage, buildings, observation decks, and boardwalks, which are beyond the Township’s preferred scope of use for a nature preserve.”*

⁵ [Master Plan, Chapter 1: Introduction](#), pg. 5

⁶ [Ordinance 38, Purchase of Development Rights](#)

⁷ [Master Plan, Chapter 3: Existing Land Use](#), pg. 5

⁸ To learn more about agriculture’s impact on water quality, visit [Water Conservation Concerns](#)

Opportunities

- **Utilize Purchase of Development Rights as a Tool for Woodlands Preservation on Private Land**
 - Per the objective laid out in the Township’s Master plan, landowners should be encouraged to conserve woodlands on their properties through transfer of development rights and conservation easements programs with private nonprofit land trusts. Such conveyances would help preserve the Township’s woodland resources for future generations and maintain its cherished rural character. The Washtenaw County Conservation District (WCCD) would like to help the Township promote these conservation options and can help connect interested landowners to organizations that would best suit their needs. Potential non-profits include:
 - [Legacy Land Conservancy](#)
 - [Southeast Michigan Land Conservancy](#)
 - [The Nature Conservancy](#)
 - The Township’s existing [Purchase of Developments Rights \(PDR\) Ordinance](#) offers a pathway for property owners to preserve farmland by selling their development rights to the Township; this enables the land to remain in an undeveloped state over the long term. This ordinance authorizes the Township Board of Trustees to:
 - *“Expend revenues to acquire property interests in the farmland...The property interest acquired may either be the development rights, or any lesser interest, easement, covenant or other contractual right. Such acquisition may be accomplished by purchase, gift, grant, bequest, devise, covenant or contract.”*⁹
 - While the PDR ordinance is intended to preserve agriculturally productive land specifically, when the land in question also has significant natural features present—including stream corridors, woodlots or rare species—these features can be incorporated into land to be preserved through a PDR.¹⁰ This is a win-win for the township: jointly preserving farmland and adjacent natural features, including woodlands.
- **Promote Integration of Trees and Agriculture**
 - The Township, in collaboration with the WCCD, can work with local farmers to encourage farming conservation practices that integrate tree planting alongside traditional crops. The following are a few examples:
 - [Alley Cropping](#): Defined by the USDA as “the planting of rows of trees and/or shrubs to create alleys within which agricultural or horticultural crops are produced. The trees may include valuable hardwood veneer or lumber species; fruit, nut or other specialty crop trees/shrubs; or desirable softwood species for wood fiber production.”
 - [Windbreaks](#): High speed winds can damage sensitive agricultural crops and speed up erosion of uncovered topsoil. Windbreaks are linear planting of trees and shrubs whose primary purpose is to slow down incoming winds, but has

⁹ [Ordinance 38, Purchase of Development Rights](#), Sec. 3(1)

¹⁰ [Ordinance 38, Purchase of Development Rights](#), Sec. 5(Part IV)(F)

secondary benefits including, “shade for livestock, visual screening, aesthetics, recreational opportunities, and wood and non-timber forest products. Windbreaks have also been recognized for their value in providing ecosystem services, such as the enhancement of biodiversity, wildlife habitat, carbon storage, pollinator habitat, and soil and water quality protection.”

- [Riparian Forest Buffers](#): “adjacent to a stream, lake, or wetland that contains a combination of trees, shrubs, and/or other perennial plants”, riparian forest buffers are used in agricultural, row crop, and range settings to intercept water runoff containing that may contain sediment and fertilizers from entering waterways adjacent to farmland. This practice can improve water quality, protect against flooding, and provide habitat for local flora and fauna.
- **Consider Adoption of a Woodlands Protection and Preservation Ordinance**
 - The general purpose of Woodlands Protection and/or Preservation Ordinances is to safeguard woodland resources from unnecessary removal or cutting on private and public land during development, and to regulate their removal under special circumstances. These ordinances recognize that trees and woodlands are critical environmental, aesthetic, recreational, and economic assets to a community. Given the prevalence of woodlands, the Township could consider adopting a Woodlands Preservation Ordinance. Stand out examples of Woodlands Preservation ordinances from nearby communities include:
 - [Bloomfield Township’s Tree Ordinance](#), which addresses the protection and preservation of both individual trees and woodlands.
 - [Ann Arbor Charter Township](#), whose Tree and Woodland Resource Preservation Ordinance is intended to protect assets provided by public and private trees, including environmental, social, and aesthetic benefits.
 - Additional examples are also provided alongside this document, as well as guidance on writing on Tree and Woodlands Ordinances.

Needs

- **Encourage Collaboration with Outside Agencies**
 - A myriad of agencies and organizations exist at federal, state, county, and local level to assist Township residents with natural resource conservation practices and sustainable land management. WCCD would like to help the Township support its productive farming community and preservation of natural features by connecting residents to the organizations and programs that best serve their needs. Increased communication between Township officials and WCCD would help to facilitate this process and ensure WCCD develops programs, cost-share opportunities, and pursues grants that benefit Bridgewater residents. An example of partner organizations and applicable programs and opportunities are below:
 - [JLW CISMA](#)

- Provides technical assistance with respect to invasive species ID and eradication methods. Provides small grants for species removal as funding allows and has some tools to rent for removal.
- [River Raisin Watershed Council](#)
 - Mission is to inspire behaviors that promote stewardship, improve water quality, and encourage public participation to protect, preserve and enhance the River Raisin Watershed.
 - [Farmer-Led Watershed Conservation](#)
- [WCCD Farmer Cost-Share Program](#)
 - Small grants for farmers designed to meet needs not readily available through other cost-share programs.
- [Michigan Agricultural Environmental Assurance Program \(MAEAP\)](#)
 - State program that helps farms of all sizes and all commodities voluntarily prevent or minimize agricultural pollution risks. Opportunity for financial assistance.
- [USDA Natural Resources Conservation Service](#)
 - Federal program that provides technical assistance and, pending applicant approval, significant financial support to landowners.
- **Planning Capacity:**
 - Bridgewater Township does not currently have dedicated planning staff, leading to most planning work being contracted out. The lack of full-time planning staff makes implementing changes to land use policy and its Code of Ordinances more difficult to carry out.

Local Character

- Rural
- Agriculture
- Historic Homes
- Columbia Lake
- Joslin Lake
- Saline River/ River Raisin Watershed
- Riverbend Nature Preserve
- Ervin-Stucki Nature Preserve
- Bridgewater Hamlet

Code and Ordinance Review Matrix

Code/Ordinance Element	Yes	No	Location
Development: Tree Planting	x		Sec. 8.07
Development: Tree Preservation	x		Sec. 11.05(F)(2)(a)
Development: Tree Removal/Maintenance	x		Sec. 11.05(F)(1)(a,b); Sec. 11.10(I)(4)(c,d,e)
Development: Tree Replacement	x		Sec. 11.05(F)(3,4,6)
Development: Requires landscape plan, inclusion of trees and vegetation in site plans	x		Sec. 8.07
Parking: Tree Planting	x		Sec. 11.10(E)(3)
Parks: Tree Preservation		x	
Woodlands: Tree Preservation		x	
Tree Requirements & Standards: Greenbelts, Berms, Planting Screens, Fences, etc.	x		Sec. 11.10 (C); Sec. 11.10(D)(1)(b,c); Sec. 11.10(D)(5)
Approved/Suggested Species List	x		Sec. 11.05(F)(5)
Prohibited Species List	x		Sec. 11.10(H)
Plant Material Guidelines: Species, Size, Spacing		x	
Promote Use of Native Species	x		Sec. 11.10 (B)(4)(d)

Project partly funded through The Michigan Department of Natural Resources (DNR), Urban and Community Forestry (UCF) Program in cooperation with the U.S. Department of Agriculture Forest Service (USFS). Federal funding provided by USFS, State and Private Forestry, UCF Program (CFDA 10.664).

Code/Ordinance Element	Yes	No	Location	Text
Development: Tree Planting	x		Sec. 8.07	Final Site Plans shall include: Planting list for all landscape materials, with the method of installation, botanical and common name, quantity, size, and height at planting.
Development: Tree Preservation	x		Sec. 11.05(F)(2)(a)	Except as provided elsewhere within this Section, the developer shall be subject to the following requirements: (a) Preserve and leave standing a minimum of thirty-five percent (35%) of the total number of individual deciduous trees of six inch D.B.H. or larger and individual evergreen trees six feet in height or higher within the development that have existed on the subject site within the last five years.
Development: Tree Removal/Maintenance	x		Sec. 11.05(F)(1)(a,b); Sec. 11.10(I)(4)(c,d,e)	<p>1. Tree removal. Except as otherwise provided in this Section, any development subject to this Section shall not:</p> <ul style="list-style-type: none"> a. Remove, transplant, damage, or destroy any tree or similar woody vegetation of any diameter at breast height (D.B.H.) in a woodland currently existing or that has existed on the subject site within the last five (5) years. b. Remove, transplant, damage or destroy any tree or similar woody vegetation including individual deciduous trees of six (6) inch D.B.H. or larger and individual evergreen trees six (6) feet in height or higher, which are not located in a woodland. c. Conduct any land clearing or grubbing activities within a woodland area. <p>Installation and Maintenance:</p> <ul style="list-style-type: none"> c. Plant materials shall be kept in a neat, orderly and healthy growing condition, free from weeds, debris and refuse. Tree stakes, guy wires and tree wrap shall be removed after one (1) year. d. Pruning of plant materials shall be limited to the minimum necessary to ensure proper maturation of plants to achieve their intended purpose. e. All required screening elements and plant materials shall be planted and maintained in accordance with an approved site plan. Failure to maintain required screening, including the removal and replacement of dead or diseased plant materials, shall be a violation of this Ordinance.

Development: Tree Replacement	x		Sec. 11.05(F)(3,4,6)	<p>3. Tree relocation and replacement. The intent of this Section is to replace removed species with similar species in appropriate habitats. Whenever the removal of individual deciduous trees of six (6) inch D.B.H. or larger or individual evergreen trees six (6) feet in height or higher is deemed necessary, such trees shall be replaced or relocated in accordance with this Section. If removed trees are to be replaced as provided within this Section, replacement trees may be used to satisfy preservation percentage requirements of this Section, but may not be used to satisfy landscaping requirements of this Ordinance.</p> <p>4. Replacement species standards. Replacement trees shall be of the same species as the removed tree, except where prohibited by Section 11.10H (Prohibited Plant Materials). Species native to Michigan may be substituted for non-native or prohibited species. All replacement tree species shall be suitable for the habitat in which they will be located.</p> <p>6. Replacement ratio. Removed trees shall be relocated or replaced in accordance with the following schedule:(see ordinance text for table)</p>
Development: Requires landscape plan, inclusion of trees and vegetation in site plans	x		Sec. 8.07	<p>See Screening and Landscaping of the Site Plan Requirements Table.</p> <ul style="list-style-type: none"> - General layout of proposed landscaping and screening improvements; including plantings, topographic changes, and similar features. - A detailed landscape plan, including location, size, quantity and type of proposed plant materials and any existing plant materials to be preserved. - Landscape maintenance plan, including notes regarding replacement of dead or diseased plant materials.
Parking: Tree Planting	x		Sec. 11.10(E)(3)	<p>3. Landscaping within parking lots. Landscaped islands shall be provided at the ends of parking rows, and as otherwise required by this Ordinance or the Planning Commission to break up large expanses of pavement and guide traffic flow. Landscaped islands shall be subject to the following:</p> <ul style="list-style-type: none"> a. Planting islands shall have a minimum width of ten (10) feet, and a minimum area of 180 square feet. b. A minimum of two (2) deciduous shade or ornamental trees shall be provided for each planting island. Shrubs and live groundcover plantings shall be used to cover the remaining

				<p>areas of the island.</p> <p>c. All landscaping and perimeter screening, except designated snow storage areas, shall be protected from vehicle encroachment with concrete curbing or similar permanent means.</p> <p>d. Rain gardens, bioswales, and similar naturalized stormwater management systems with appropriate plantings may be incorporated into required parking lot landscaping.</p>
Parks: Tree Preservation		x		
Woodlands: Tree Preservation		x		
Tree Requirements & Standards: Greenbelts, Berms, Planting Screens, Fences, etc	x		Sec. 11.10 (C); Sec. 11.10(D)(1)(b,c); Sec. 11.10(D)(5)	<p>To ensure adequate variety, and to avoid monotony and uniformity within a site, required plant materials shall not include more than thirty percent (30%) of any single plant species, and shall comply with the following: (see ordinance text for minimum size requirements by tree species)</p> <p>Greenbelt Screening Requirements:</p> <p>b. A mixture of deciduous shade trees, ornamental trees, evergreen trees, and shrubs shall be planted along the greenbelt buffer at a minimum concentration of one (1) tree and three (3) shrubs per 15 linear feet of greenbelt length. The Planning Commission may require additional plantings to achieve the screening objectives of this Section.</p> <p>c. Such required plant materials may be placed at uniform intervals, at random or in groupings.</p> <p>5. Evergreen screen. The purpose of this method is to create a dense obscuring screen that meets the objectives of this Section. This method is intended to establish a year-round screening barrier between land uses of differing intensities, to effectively block noise and light, or to completely separate developed and undeveloped portions of a site. This method shall consist of closely spaced evergreen trees with year-round screening characteristics. Such trees shall be planted a maximum of 15 feet apart in at least two (2) staggered rows</p>
Approved/Suggested Species List	x		Sec. 11.05(F)(5)	Landmark tree standards. A landmark tree, as regulated by this Section, shall be considered to be any tree that has a D.B.H. of 24

				inches or greater, or that is of a type and D.B.H. equal to or greater than shown on the following list: (see ordinance text for species list)
Prohibited Species List	x		Sec. 11.10(H)	Prohibited Plant Materials. The following trees have been determined by the Township to be undesirable for the landscaping and screening purposes of this Ordinance, and shall not be used to satisfy the requirements of this Section except in the following limited circumstances: (see ordinance text for table)
Plant Material Guidelines: Species, Size, Spacing		x		
Promote Use of Native Species	x		Sec. 11.10 (B)(4)(d)	d. The use of plant materials native to southern Lower Peninsula of Michigan is encouraged.

Community Trees Profile: Bridgewater Township

This is a current snapshot of how trees are managed and preserved in your community with suggestions for consideration and discussion. Since the benefits of trees cross social and political boundaries it is important to examine how local laws (ordinances) and resources impact the planting and preservation of trees on both private and public land.

Current Tree Canopy Cover: ~25%

Tree Protection Ordinance: No

Street Trees: Washtenaw County Roads Commission

Township Parks: None

Website: twp-bridgewater.org

Strengths

- **Zoning to Protect Agriculture, Open Space, and Natural Features**
 - Over 70% of the land is agriculture and the majority of parcels are zoned as General Agriculture (AG) with the purpose of preserving rural character, farmlands and operating farmsteads, and natural resource areas. Parcels within the Agricultural Preservation Overlay area qualify for participation in the State of Michigan’s Agricultural Preservation fund and are eligible for preservation via Purchase of Development Rights (PDR) Ordinance.
- **Benefits of Natural Features Recognized throughout Planning Documents**
 - *The following tree services topped residents’ lists as “very important”: clean air (about 90% or 47 people), wildlife habitat (about 83% or 43 people), and CO₂ sequestration (about 81% or 42 people). - WCCD 2022 Community Trees Survey*
 - Throughout the Master Plan and Ordinances, multiple references note the importance of natural features and the need to protect and preserve them.

Challenges

- **Balancing Agricultural Use with Natural Features Protection**
 - *When asked if they would “learn about free programs or programs that pay to implement conservation practices”, about 36% of respondents (16 people) were “willing” and about 44% (20 people) “might be willing”.- WCCD 2022 Community Trees Survey*
 - Agricultural operations can produce waste and runoff that degrade natural features and ecosystem services, such as clean water. Conventional agricultural practices generally do not provide wildlife habitat, clean the air, or sequester carbon long-term.

- **Differing Expectations of County-Owned Nature Preserves**
 - Washtenaw County has established two nature preserves within the Township as part of its Natural Areas Preservation Program (NAPP); this involved the County purchasing land with significant natural features, including woodlands, and adding amenities to facilitate public access. However, differing views of how nature preserves should function as well as trespass concerns have arisen, which has reduced Township interest in pursuing additional preserves with the County.
- **Planning Capacity**
 - *When asked if they would “learn how to participate in local government”, about 19% of respondents (9 people) were “willing” and about 40% (19 people) “might be willing”. - WCCD 2022 Community Trees Survey*
 - Bridgewater Township does not currently have dedicated planning staff, leading to most planning work being contracted out. The lack of full time planning staff makes implementing changes to land use policy and its Code of Ordinances more difficult to carry out.

Opportunities

- **Utilize Purchase of Development Rights (PDR) as a Tool for Tree Preservation on Private Land**
 - *When asked about access to trees and where residents would like to see trees, trees “on the property where I live” was “very important” to 60% of respondents (30 people) and “important” to 28% of respondents (14 people). - WCCD 2022 Community Trees Survey*
 - Encourage landowners to preserve natural features, including woodlands, on private property through transfer of development rights and conservation easements programs with nonprofit land trusts. The Township’s existing PDR Ordinance offers a pathway for property owners to preserve farmland by selling their development rights. Land with significant natural features present—including stream corridors, woodlots or rare species—could also be preserved through a PDR.
- **Promote Integration of Trees With Agriculture**
 - *When asked if they would “learn about agroforestry farming systems”, about 30% of respondents (14 people) were “willing” and 34% (16 people) might be willing. When asked if they would “learn about forested riparian buffers and windbreaks”, about 33% of respondents (15 people) were “willing” and about 41% (19 people) “might be willing”. - WCCD 2022 Community Trees Survey*
 - Promote and encourage farmers to adopt practices that integrate tree planting alongside traditional crops. Farmers and landowners can apply to programs such as the USDA’s Natural Resource Conservation Service (NRCS) to obtain technical assistance and potentially funding to implement conservation practices, such as alley cropping, windbreaks, riparian forest buffers, etc.

- **Consider Adoption of a Woodlands Protection and Preservation Ordinance**
 - *When asked about access to trees and where residents would like to see trees, trees “in woodlots or forests” was “very important” to about 59% of respondents (29 people) and “important” to about 39% of respondents (19 people). When asked if they would “support local policy changes to increase and maintain trees”, about 40% of respondents (19 people) were “willing” and 43% (20 people) “might be willing”. - WCCD 2022 Community Trees Survey*
 - The general purpose of Woodlands Protection and/or Preservation Ordinances is to safeguard woodland resources from unnecessary removal or cutting on private and public land during development, and to regulate their removal under special circumstances. These ordinances recognize that trees and woodlands are critical environmental, aesthetic, recreational, and economic assets to a community.

- **Strengthen Construction Protection Standards**
 - Existing plant material remaining during site development could be provided stronger protections, hence increasing the likelihood of survival. For example, protect the critical root zone (CRZ), which varies by species and site conditions, from disturbance.

- **Encourage Collaboration with Outside Agencies**
 - A myriad of agencies and organizations exist at federal, state, county, and local level to assist residents with natural resource conservation practices and sustainable land management, including: JLW CISMA, River Raisin Watershed Council, Farmer-Led Watershed Conservation, WCCD Farmer Cost-Share Program, Michigan Agricultural Environmental Assurance Program (MAEAP), USDA Natural Resources Conservation Service (NRCS).

Specifications and Standards Manual

A Specifications and Standards Manual organizes all relevant information used to guide tree management into a single document. Information may include species, sizing, spacing, planting, removal, replacement and maintenance requirements. Ideally, the manual would be referenced in the ordinance, but would be kept separate which allows for easy changes and in depth explanations. Like most government plans, it should be updated every few years as appropriate.

Species List

An approved or recommended species list should be maintained outside the code of ordinances to easily respond to changing environmental conditions and new diseases. This revision can be implemented during the next round of ordinance updates.

Resources

Visit washtenawcd.org/CommunityTrees

Code and Ordinance Review Matrix

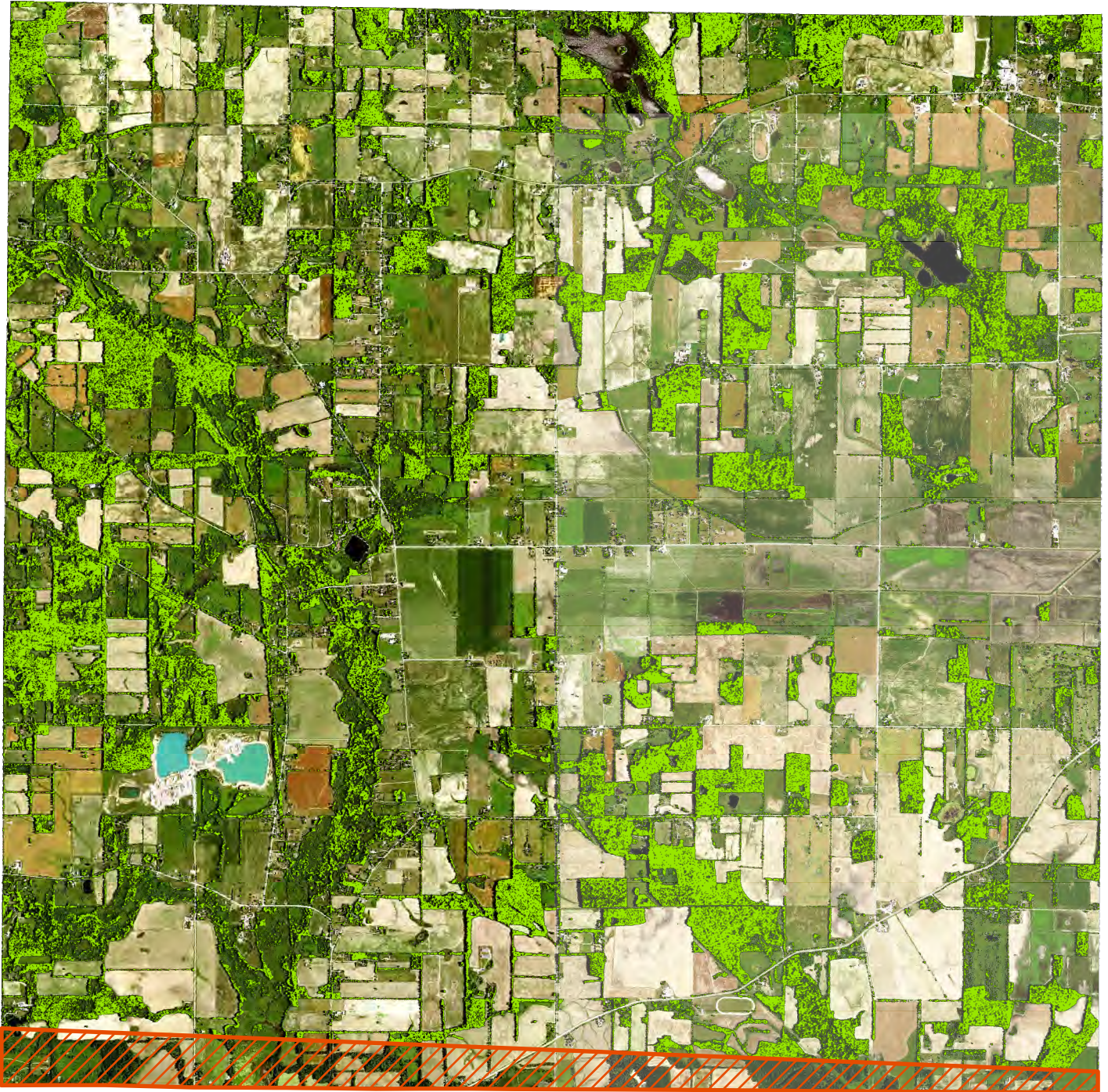
The table below summarizes the forestry and landscape standards included in local ordinances compared to elements typically included in robust programs. This brief overview does not examine the quality of each element nor how well it functions in practice. A more detailed document was provided to local elected officials to provide guidance for future regulatory updates.

Code/Ordinance Element	Yes	No	Location
Development: Tree Planting	x		Sec. 8.07
Development: Tree Preservation	x		Sec. 11.05(F)(2)(a)
Development: Tree Removal/Maintenance	x		Sec. 11.05(F)(1)(a,b); Sec. 11.10(I)(4)(c,d,e)
Development: Tree Replacement	x		Sec. 11.05(F)(3,4,6)
Development: Requires landscape plan, inclusion of trees and vegetation in site plans	x		Sec. 8.07
Parking: Tree Planting	x		Sec. 11.10(E)(3)
Parks: Tree Preservation		x	
Woodlands: Tree Preservation		x	
Tree Requirements & Standards: Greenbelts, Berms, Planting Screens, Fences, etc	x		Sec. 11.10 (C); Sec. 11.10(D)(1)(b,c); Sec. 11.10(D)(5)
Approved/Suggested Species List	x		Sec. 11.05(F)(5)
Prohibited Species List	x		Sec. 11.10(H)
Plant Material Guidelines: Species, Size, Spacing		x	
Promote Use of Native Species	x		Sec. 11.10 (B)(4)(d)



Project partly funded through The Michigan Department of Natural Resources (DNR), Urban and Community Forestry (UCF) Program in cooperation with the U.S. Department of Agriculture Forest Service (USFS). Federal funding provided by USFS, State and Private Forestry, UCF Program (CFDA 10.664).

Tree Canopy

Bridgewater Township



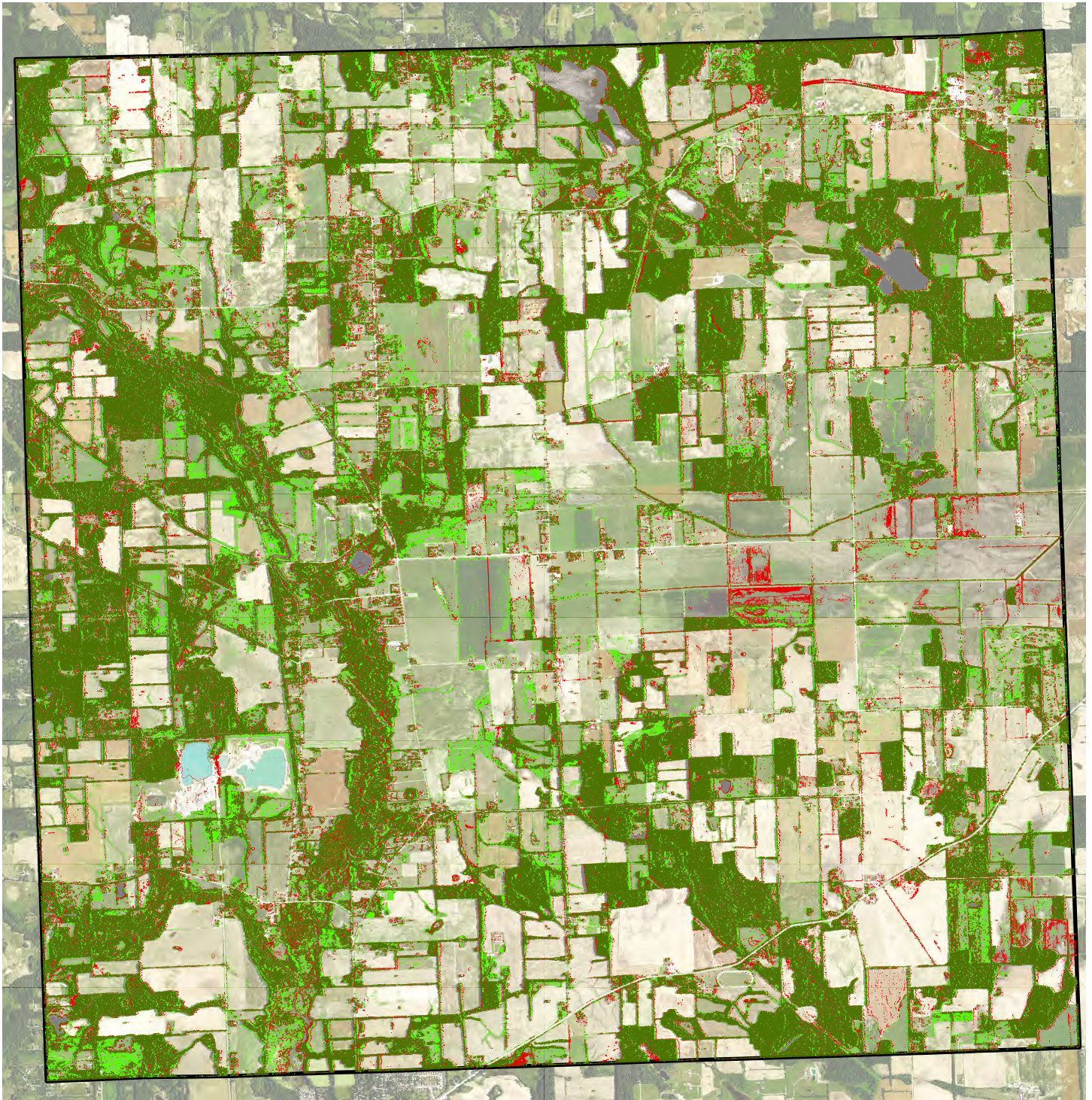
This map depicts tree canopy, the leafy cover provided by branches, and illustrates density and distribution across the township. Tree location influences the many social, economic, and environmental benefits they provide. Tree canopy was identified using 2020 aerial photography and 2017 LiDAR data, which determines the height of ground features. Areas where LiDAR data was unavailable (red cross hatch) were excluded from calculations.

-  Tree Canopy
-  Data unavailable

Percent of Township Covered by Tree Canopy: 25% (5891 acres)

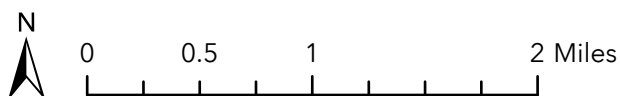


Data Sources: NAIP (2020); Washtenaw County GIS Program -
Bridgewater Boundary and LiDAR (2017)
Datum/Projection: NAD83 Michigan State Plane (South)
Layout by: Lyndsay Zemanek, March 15, 2022



This map depicts tree canopy change between 2010 and 2020. Note that some areas of tree canopy change can be attributed to classification errors due to differences between each year's imagery like camera or sun angle, rather than actual canopy loss or gain. Tree canopy is also likely overestimated for both years due to inclusion of woody shrubs.

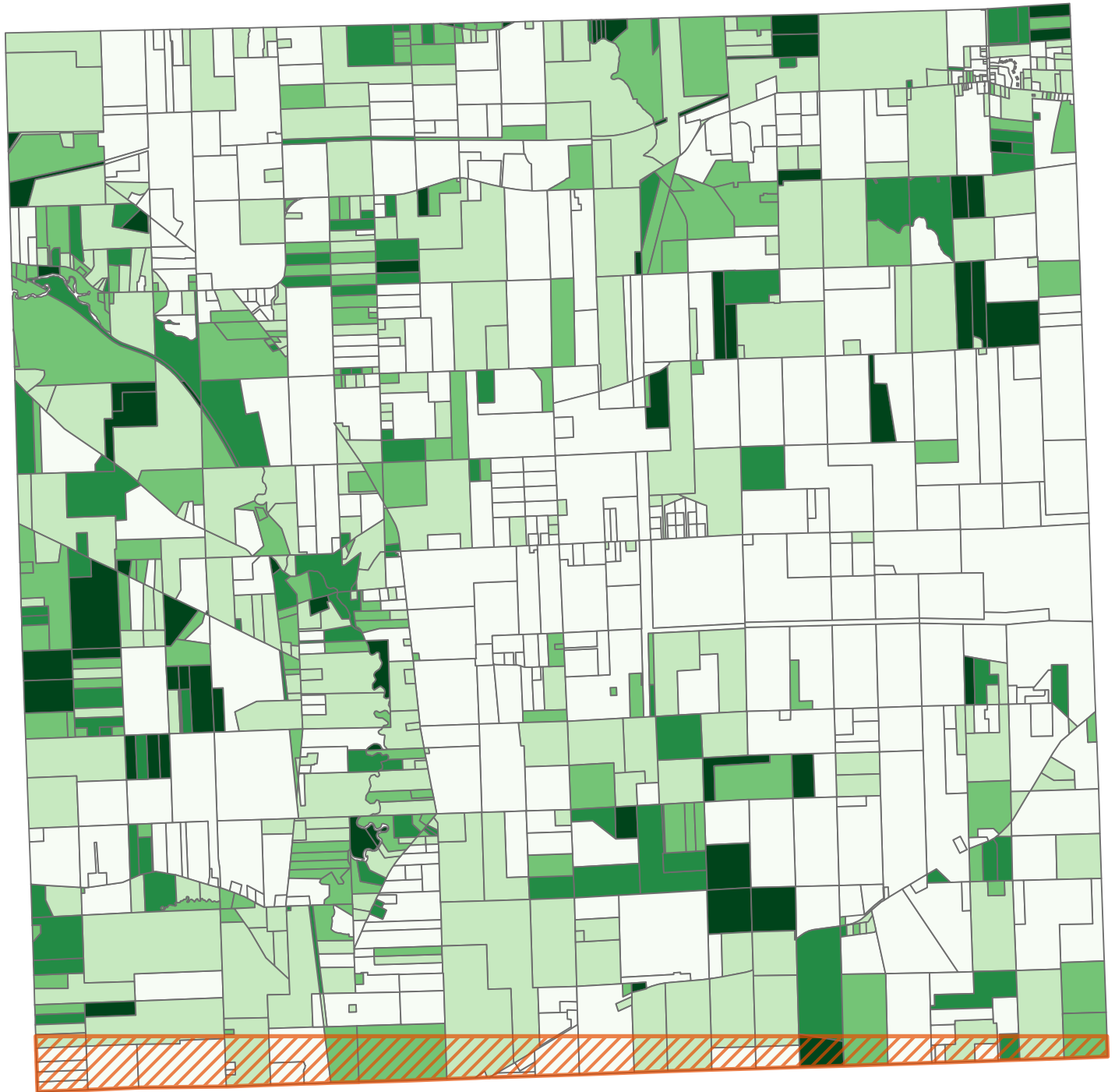
-  No Change
-  Canopy Loss
-  Canopy Gain



Data Sources: NAIP (2020, 2010); Washtenaw County GIS Program - Township boundary
Datum/Projection: NAD83 Michigan State Plane (South)
Analysis/Cartography: Lyndsay Zemanek, June 10 2022


Tree Canopy - All Parcels

Bridgewater Township

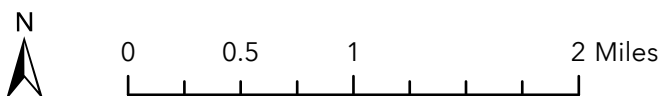


This map categorizes parcels by percent tree canopy cover. Tree canopy was determined using an unsupervised clustering algorithm applied to 2020 NAIP Aerial Imagery in combination with 2017 LiDAR data and then aggregated by land parcel. Note: Tree canopy percentages on the southern edge are skewed due to lack of canopy data.

Percent Tree Canopy

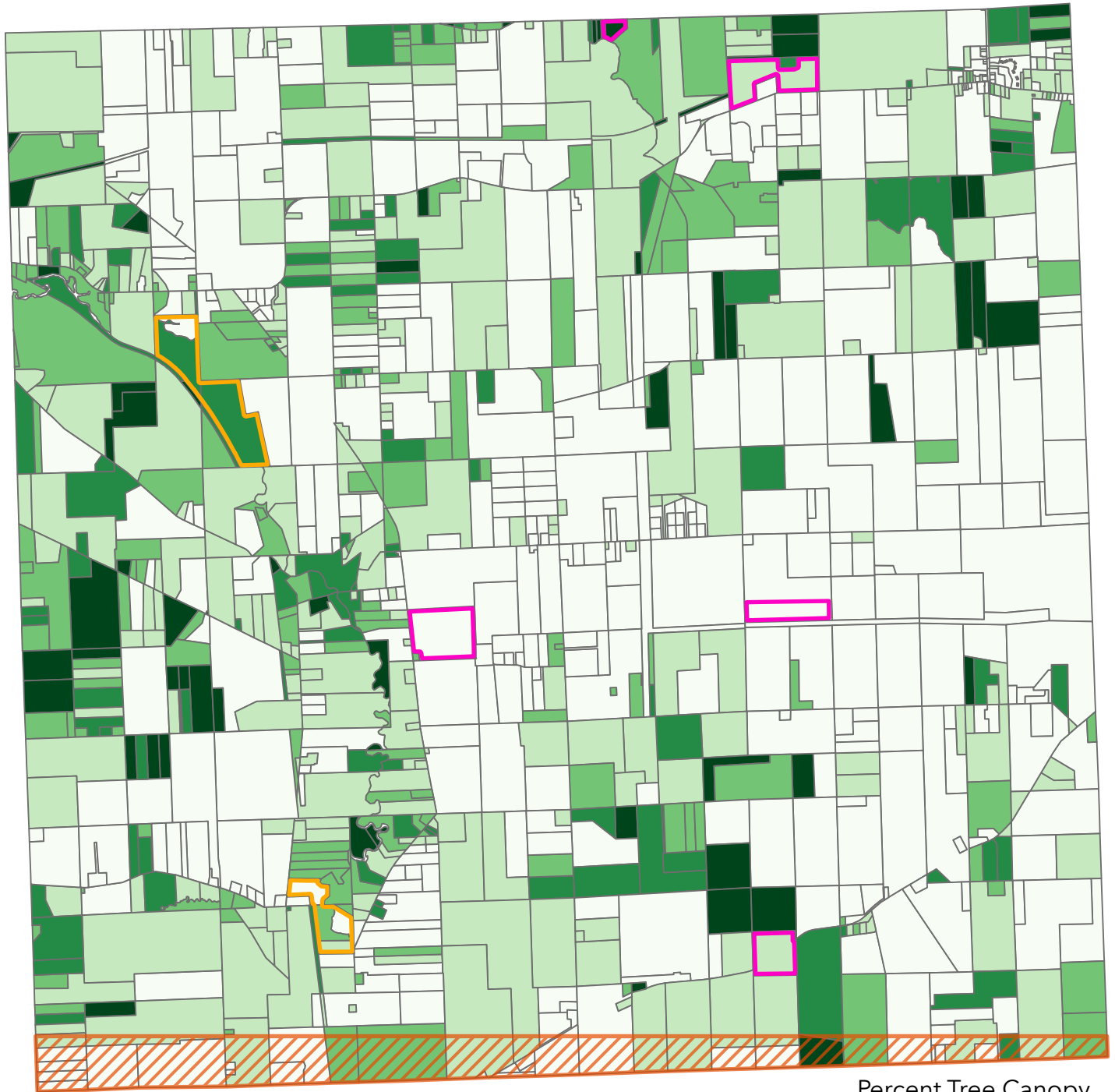
- 0 - 20%
- 20.1 - 40%
- 40.1 - 60%
- 60.1 - 80%
- > 80%
-  Canopy Data Unavailable

Mean tree canopy in all parcels: 30%



Tree Canopy - All Parcels

Bridgewater Township

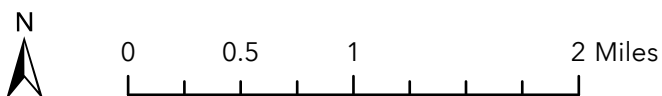


This map categorizes parcels by percent tree canopy cover. Tree canopy was determined using an unsupervised clustering algorithm applied to 2020 NAIP Aerial Imagery in combination with 2017 LiDAR data and then aggregated by land parcel. Note: Tree canopy percentages on the southern edge are skewed due to lack of canopy data.

Percent Tree Canopy

- 0 - 20%
- 20.1 - 40%
- 40.1 - 60%
- 60.1 - 80%
- > 80%
- Canopy Data Unavailable
- Recreation Lands
- Conservation Lands

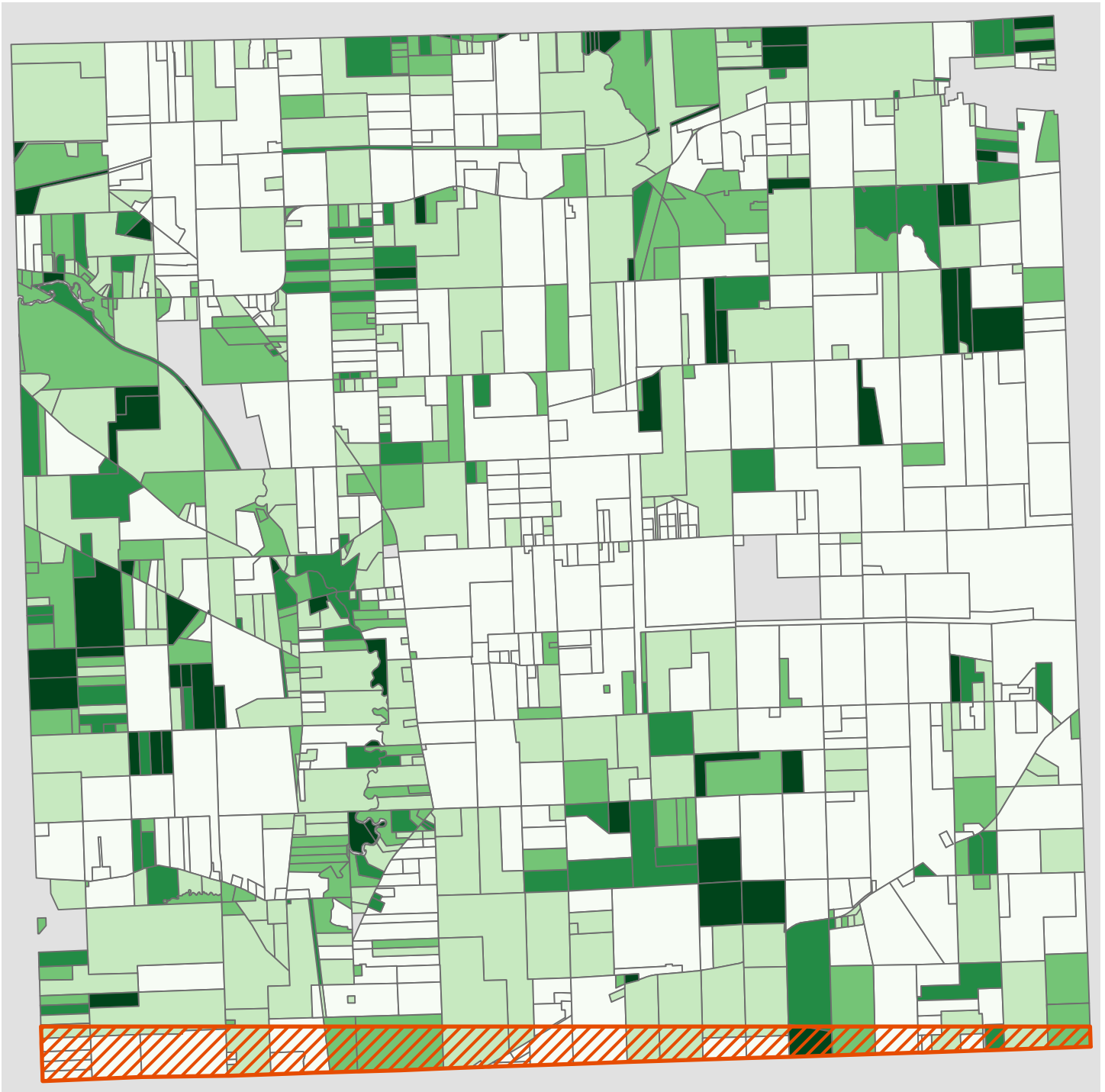
Mean tree canopy in all parcels: 30%



Data Sources: NAIP 2020; Washtenaw County GIS Program - LiDAR, Parcels, Conservation/Recreation Lands
Datum/Projection: NAD 1983 State Plane Michigan South
Analysis/Cartography: Lyndsay Zemanek, May 10 2022

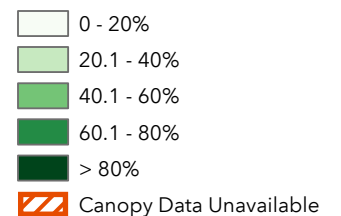
Tree Canopy - Agricultural Parcels

Bridgewater Township



This map categorizes parcels zoned Agriculture by percent tree canopy cover. Tree canopy was determined using an unsupervised clustering algorithm applied to 2020 NAIP Aerial Imagery in combination with 2017 LiDAR data and then aggregated by land parcel. Note: Tree canopy percentages on the southern edge are skewed due to lack of canopy data.

Percent Tree Canopy



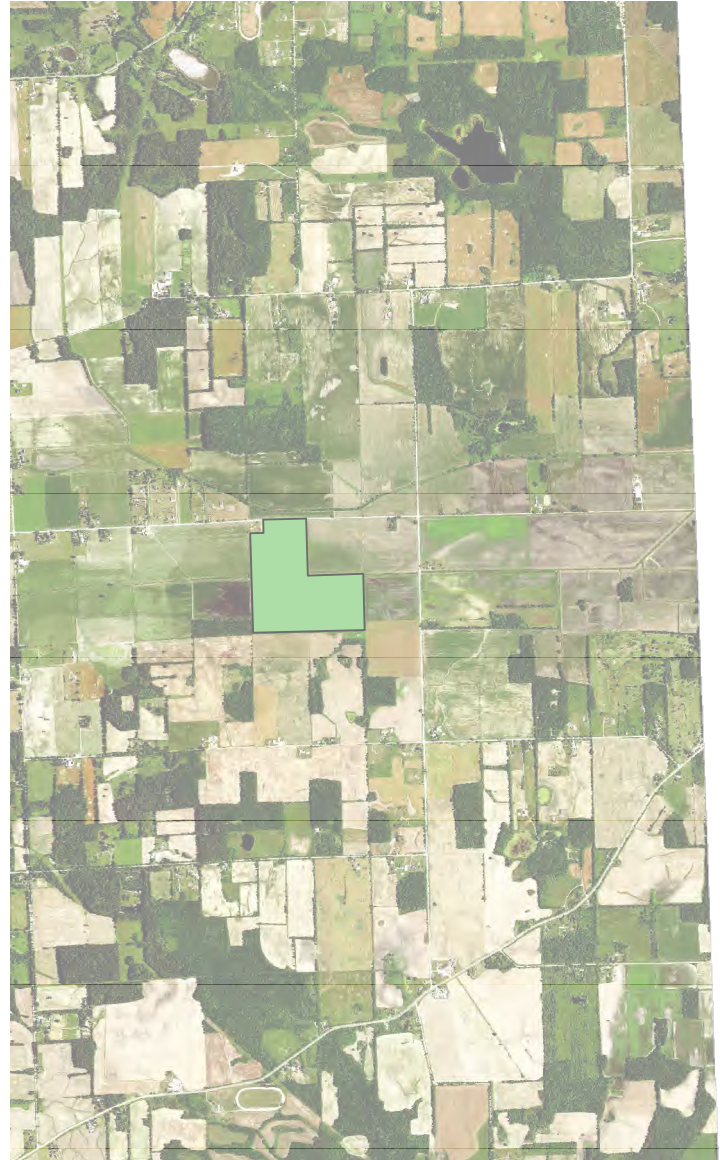
Mean tree canopy in Agricultural Parcels: 39%



Data Sources: NAIP 2020; Washtenaw County GIS Program - LiDAR, Parcels; Bridgewater Township - Zoning
Datum/Projection: NAD 1983 State Plane Michigan South
Analysis/Cartography: Lyndsay Zemanek, May 10 2022

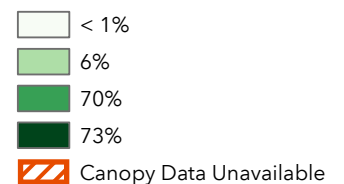
Tree Canopy Conservation Preservation Parcels

Bridgewater Township

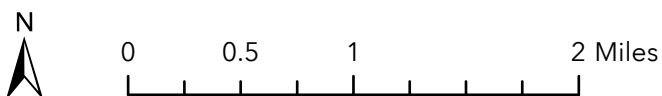


This map categorizes parcels zoned Conservation Preservation by percent tree canopy cover. Tree canopy was determined using an unsupervised clustering algorithm applied to 2020 NAIP Aerial Imagery in combination with 2017 LiDAR data and then aggregated by land parcel. Note: Tree canopy percentages on the southern edge are skewed due to lack of canopy data.

Percent Tree Canopy



Mean tree canopy in Conservation Preservation Parcels: 37%

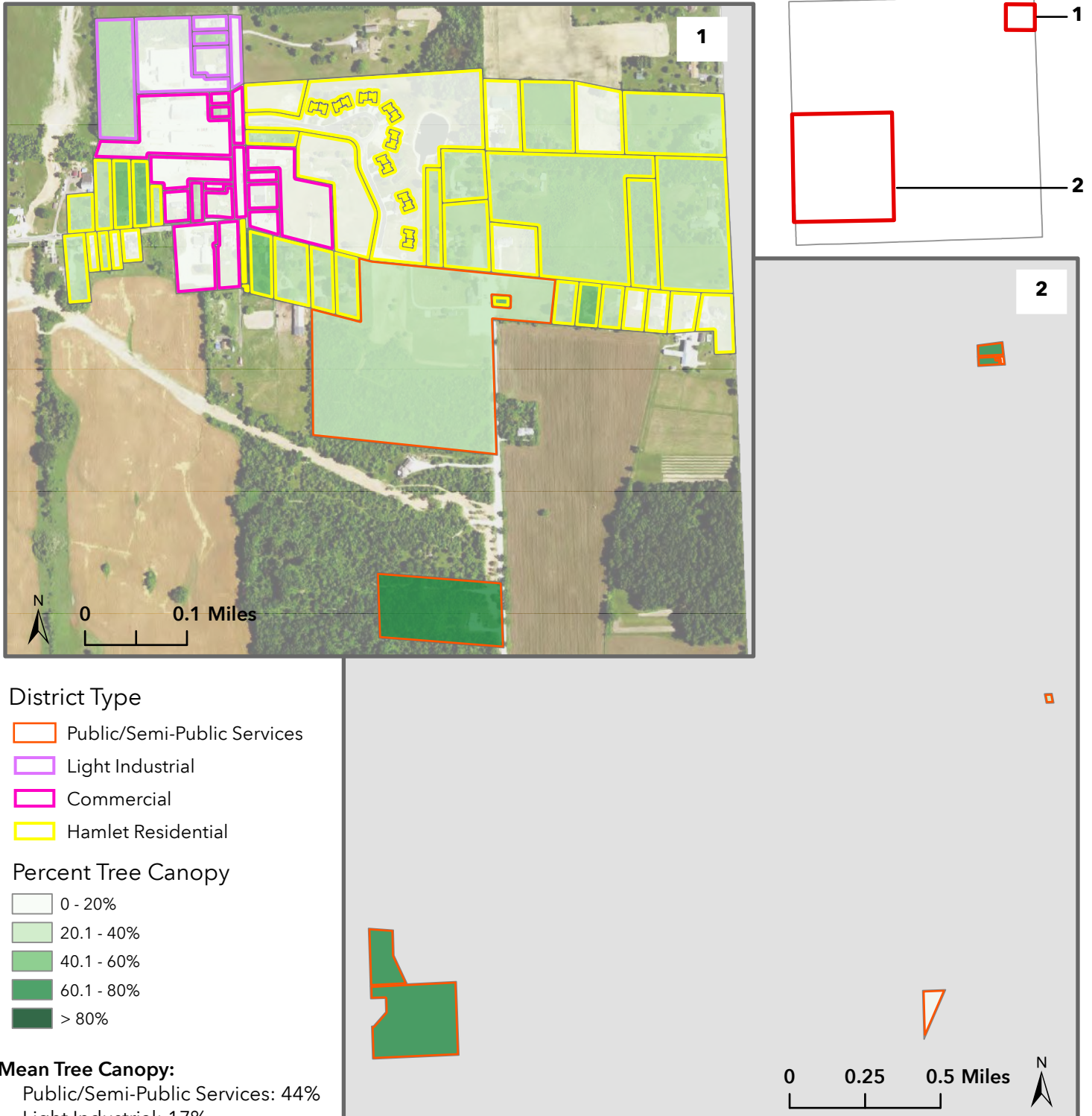


Data Sources: NAIP 2020; Washtenaw County GIS Program - LiDAR, Parcels; Bridgewater Township - Zoning
Datum/Projection: NAD 1983 State Plane Michigan South
Analysis/Cartography: Lyndsay Zemanek, May 10 2022

Tree Canopy Business and Residential Districts

Bridgewater Township

This map categorizes parcels zoned Business or Residential by percent tree canopy cover. A parcel zoned as Public/Semi-Public Services, Light Industrial, or Commercial are considered Business Districts. Tree canopy was determined using an unsupervised clustering algorithm applied to 2020 NAIP Aerial Imagery in combination with 2017 LiDAR data and then aggregated by land parcel.

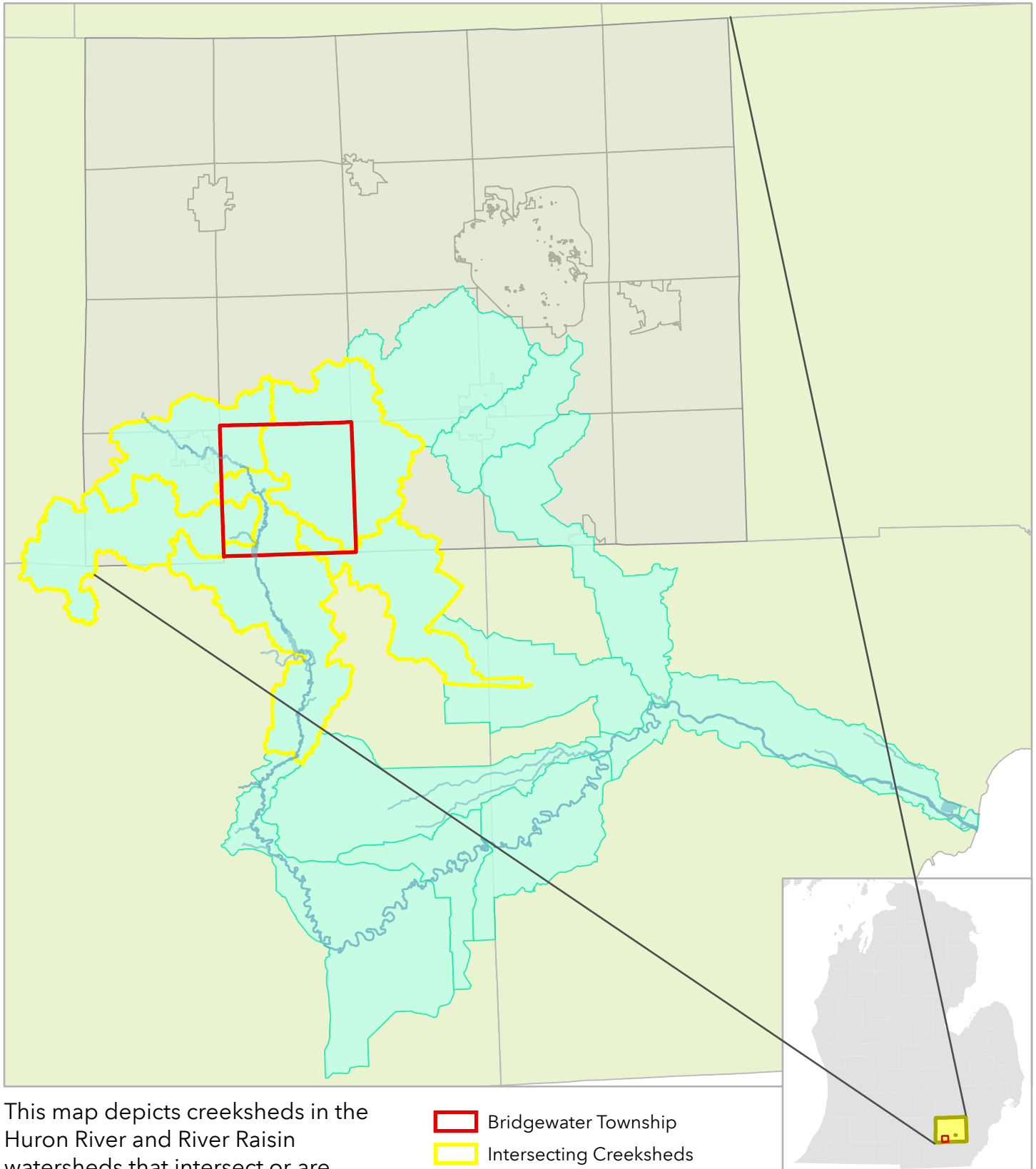


- District Type**
- Public/Semi-Public Services
 - Light Industrial
 - Commercial
 - Hamlet Residential





- Percent Tree Canopy**
- 0 - 20%
 - 20.1 - 40%
 - 40.1 - 60%
 - 60.1 - 80%
 - > 80%

Mean Tree Canopy:
 Public/Semi-Public Services: 44%
 Light Industrial: 17%
 Commercial: 7%
 Hamlet Residential: 20%

Watersheds of Bridgewater Township



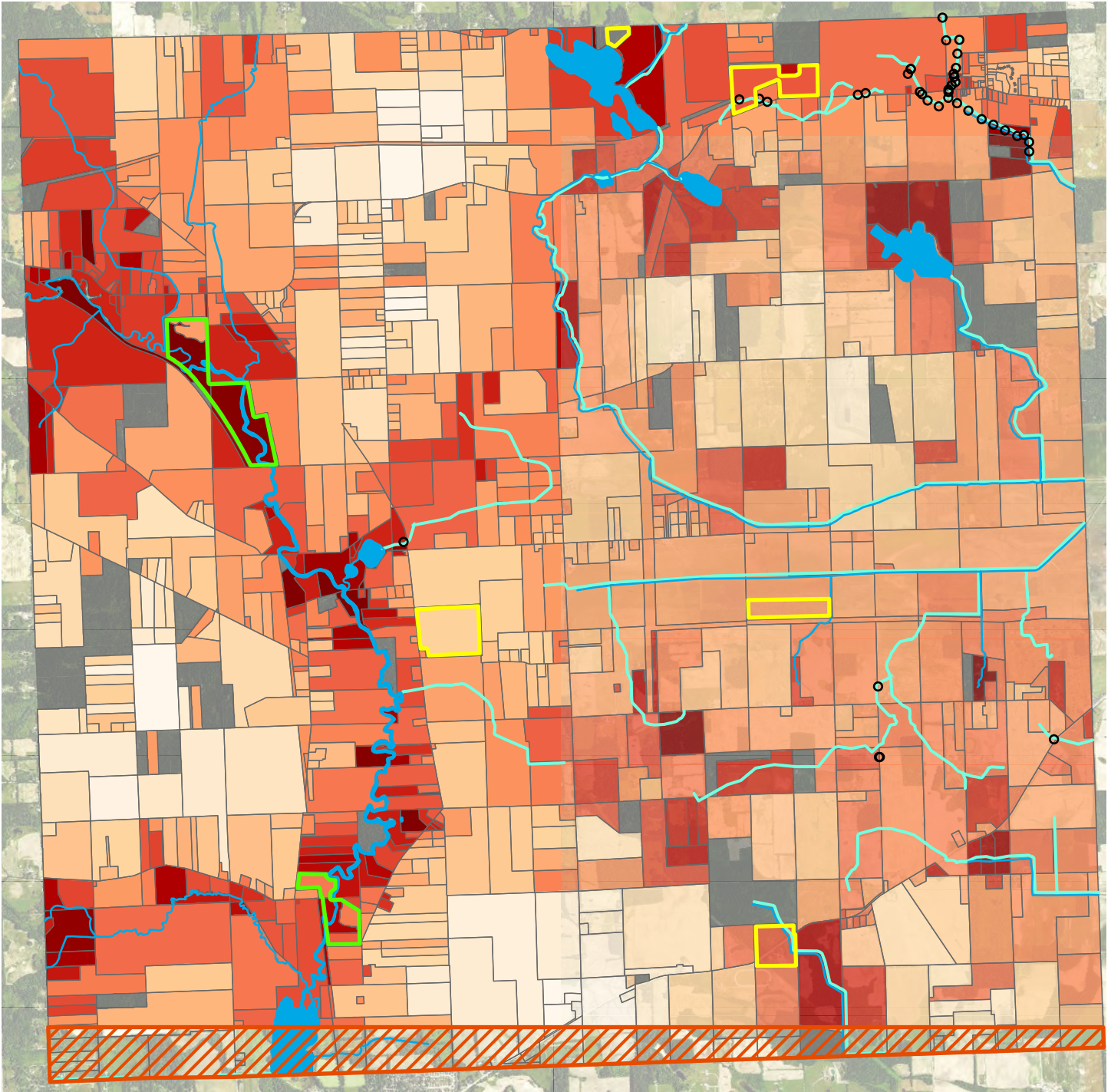
This map depicts creeksheds in the Huron River and River Raisin watersheds that intersect or are downstream from Bridgewater Township.

-  Bridgewater Township
-  Intersecting Creeksheds
-  Downstream Creeksheds
-  River Raisin and Tributaries



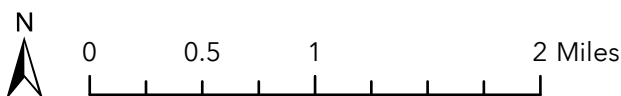
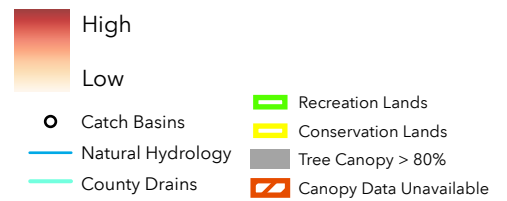
Planting Priority - Ecological Scenario

Bridgewater Township



This map depicts tree planting priority in a scenario focused on ecological variables. Priority rankings for each parcel are determined from two considerations:
1) potential for rain and irrigation runoff to impact water quality and
2) connectivity of surrounding woodlands. Parcels with more than 80% tree canopy cover have been excluded.

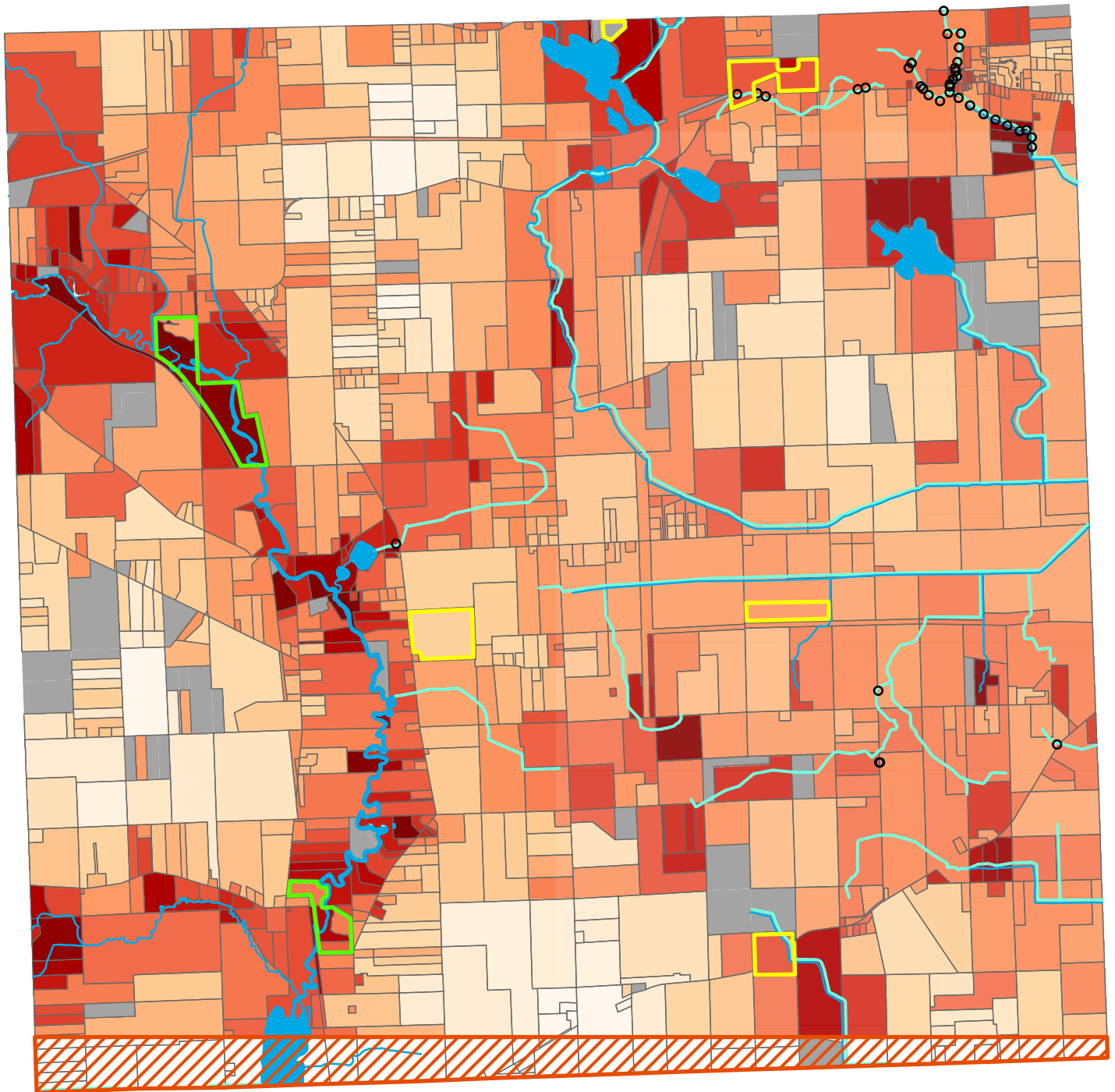
Tree Planting Priority



Data Sources: NAIP (2020) | Washtenaw County GIS Program - LIDAR, Parcels, Recreation and Conservation Lands | Washtenaw County Water Resources Commissioner's Office - County Drains, Catch Basins | Michigan Open GIS - Hydrography
Datum/Projection: NAD 1983 State Plane Michigan South
Analysis/Cartography: Lyndsay Zemanek, May 18 2022

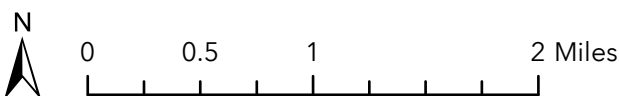
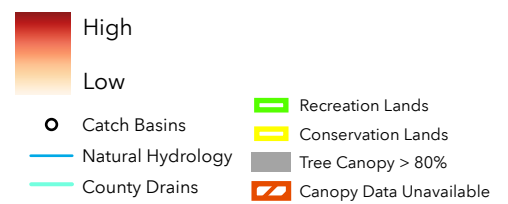
Planting Priority - Ecological Scenario

Bridgewater Township



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1) potential for rain and irrigation runoff to impact water quality and
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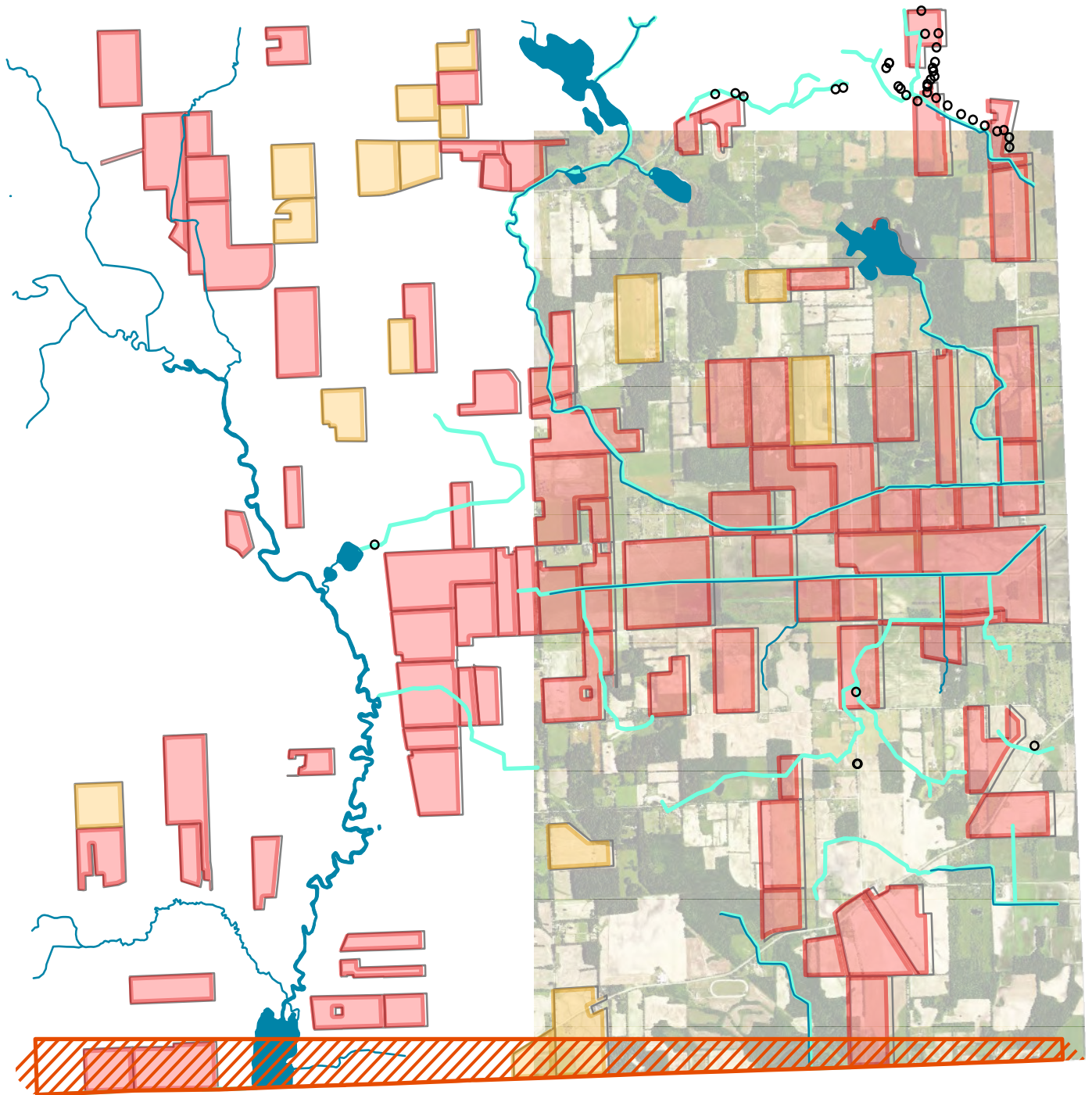
Tree Planting Priority



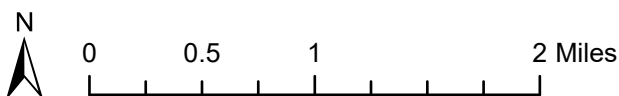
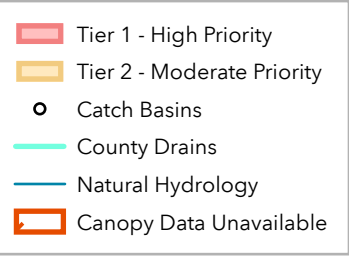
Data Sources: NAIP (2020) | Washtenaw County GIS Program - LIDAR, Parcels, Recreation and Conservation Lands | Washtenaw County Water Resources Commissioner's Office - County Drains, Catch Basins | Michigan Open GIS - Hydrography
Datum/Projection: NAD 1983 State Plane Michigan South
Analysis/Cartography: Lyndsay Zemanek, May 18 2022

Priority Planting - Agroforestry Scenario (1)

Bridgewater Township



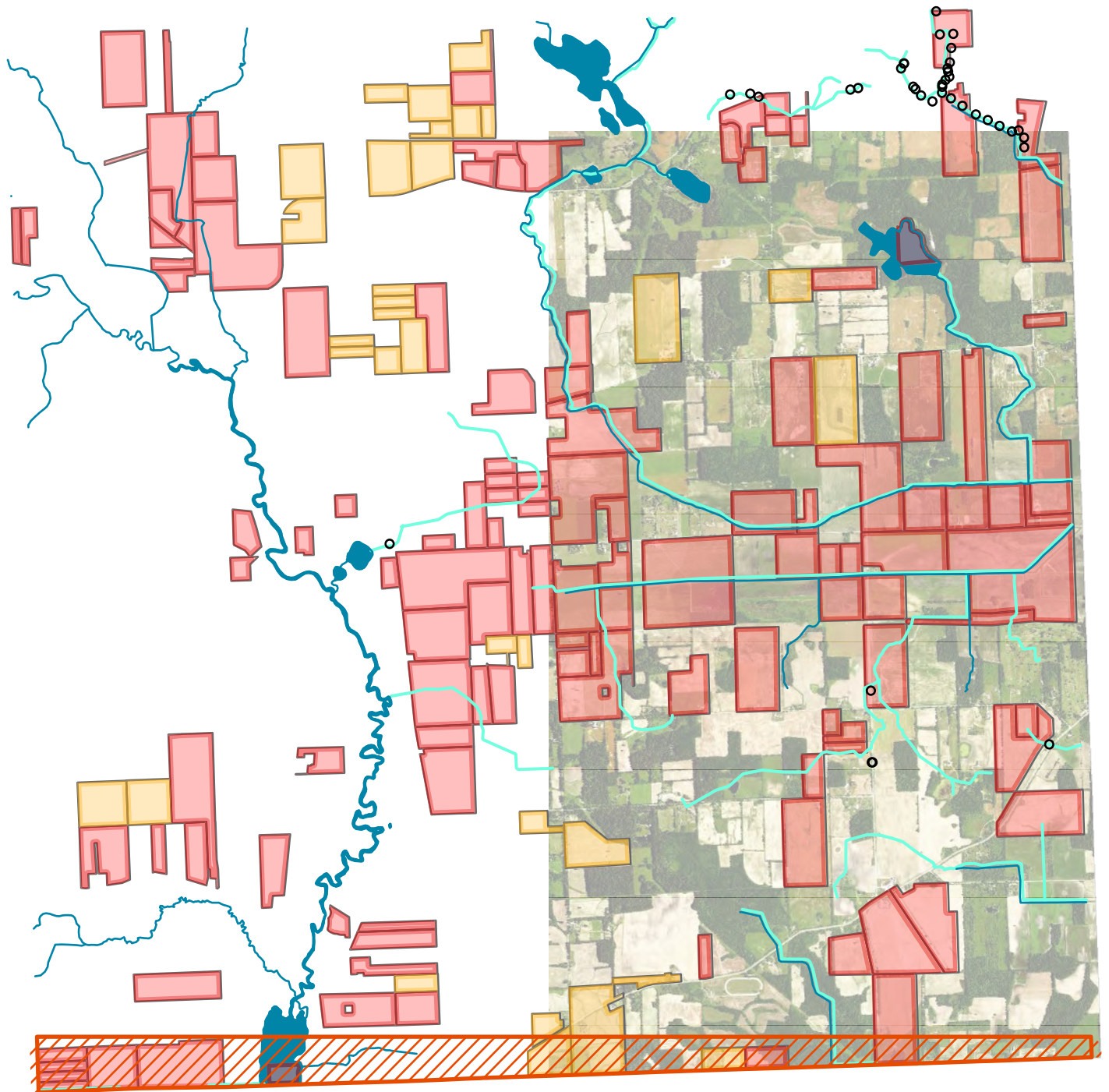
This map depicts two-tiers of parcels where agroforestry practices (the intentional mixing of trees with crops or livestock) on agricultural parcels larger than 20 acres with less than 10% tree canopy may improve water quality. **High priority** parcels are within a quarter mile of natural hydrology or county drains. **Moderate priority** parcels are further than a quarter mile from natural hydrology or county drains.



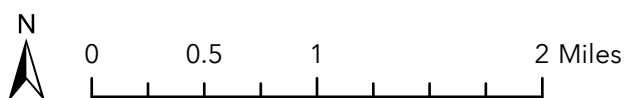
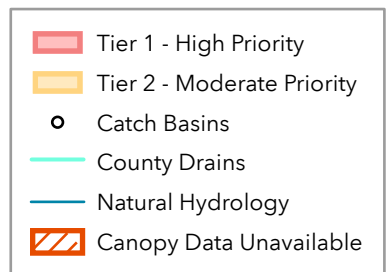
Data Sources: Washtenaw County GIS Program - Parcels; LiDAR | Washtenaw County Water Resources Commissioner's Office - Catch Basins and Drains | Bridgewater Township - Zoning | State of Michigan Open GIS - Hydrography
Datum/Projection: NAD 1983 State Plane Michigan South
Analysis/Cartography: Lyndsay Zemanek | May 31 2022

Priority Planting - Agroforestry Scenario (2)

Bridgewater Township



This map depicts two-tiers of parcels where agroforestry practices (the intentional mixing of trees with crops or livestock) on agricultural parcels larger than 10 acres with less than 10% tree canopy may improve water quality. **High priority** parcels are within a quarter mile of natural hydrology or county drains. **Moderate priority** parcels are further than a quarter mile from natural hydrology or county drains.



Bridgewater Township

Zoning Administrator Report

June and July 2022

During this period, the following applications were received, reviewed, and acted upon. Also included is a summary of ordinance enforcement and administration activities:

Zoning Compliance Certificates and Administrative Site Plan Approval:

1. **Zoning Compliance Certificate – Iwanicki/Compass Construction Concepts (12090 Clinton Rd.).** Application for zoning approval to construct an addition to an existing dwelling and attached garage in the south side yard. Approved per revised plans 7/21/2022.
2. **Zoning Compliance Certificate – Scaturro (10730 Lima Center Rd.).** Application for zoning approval to install a new above-ground swimming pool in the rear yard. Approved 6/25/2022.
3. **Zoning Compliance Certificate – Carrick (15773 Sheridan Rd.).** Application for zoning approval to install a private freestanding solar array in the rear yard. Approved per revised plans 6/15/2022.
4. **Zoning Compliance Certificate – Appold (13545 Austin Rd.).** After-the-fact application for zoning approval to construct a new deck in the rear yard. Approved 6/4/2022.

Addressing Assignment:

5. **Parcel Q-17-25-200-013 (Willow Rd.).** In response to a request from Tillman/AT&T (John Wallace), *9117 Willow Road, Saline, MI 48176* was assigned as the address for the new wireless communications tower recently approved to be located on the south side of Willow Road west of E. Michigan Ave. (US-12).

Ordinance Enforcement:

6. No new complaints were received during the month. I stopped by to check on several locations of recent ordinance enforcement activity and found all in good order.

Ordinance Administration and Other Items of Interest:

7. **Other telephone calls and emails.** During this period, I received numerous telephone calls and emails regarding requests for zoning district information, dimensional standards, and Zoning Ordinance standards for new single-family dwellings, fences, keeping of horses, and riding arenas. I also reviewed and provided comments on several conceptual land division/boundary adjustment proposals, and answered questions about floodplain mapping, private lake access, development options for an existing, legal nonconforming lot, and the commercial building form/composition standards in the Zoning Ordinance. I also responded to an enquiry about whether there were any senior living projects in the Township.
8. **MissDIG notifications.** I understand that the 811 MissDIG system can send email notifications to the Township for projects within the Township's boundaries. It would be helpful for my office to receive copies of these notifications, if that can be arranged.

Respectfully submitted,

Rodney C. Nanney
Zoning Administrator

Arkona road culvert

From: Amy Ahrens (bridgewaterwptreasurer@yahoo.com)

To: bridgewaterwpsupervisor@yahoo.com

Date: Wednesday, July 27, 2022 at 06:05 PM EDT

Hi Laurie,

The road commission delivered the culvert for the Arkona road project today. It is being stored on Roger's ground close by where the culvert will be replaced. They told him it would be a couple weeks until the culvert project is started. Just wanted to let you know.

Amy

Amy Ahrens

Bridgewater Township Treasurer

10990 Clinton Rd.

Manchester, Michigan 48158

734-678-9837

Re: Bartlett Road Follow Up

From: Lape, Adam (lapea@wcroads.org)

To: bridgewaterwpsupervisor@yahoo.com; siddalls@wcroads.org; macdonellm@wcroads.org

Cc: mccullochm@wcroads.org; harrisk@wcroads.org; powersji@wcroads.org

Date: Tuesday, June 14, 2022 at 08:46 PM EDT

Good evening Laurie. Our Operations foreman that oversees cracksealing projects plans to review the area, and seal cracking segments this season prior to returning rented equipment.

The Superintendent Ken Harris will provide update when work is scheduled to keep you informed.

Have a wonderful evening,

Adam L. Lape
Washtenaw County Road Commission

From: Laurie Fromhart <bridgewaterwpsupervisor@yahoo.com>

Sent: Tuesday, June 14, 2022 8:06:44 PM

To: Siddall, Sheryl <siddalls@wcroads.org>; MacDonell, Matt <macdonellm@wcroads.org>; Lape, Adam <lapea@wcroads.org>

Cc: McCulloch, Mark <mccullochm@wcroads.org>

Subject: RE: Bartlett Road Follow Up

Just following up to find out the status of Bartlett Road as I haven't received any further communication in over a month.

Thanks,

Laurie

[Sent from Yahoo Mail on Android](#)

On Wed, May 4, 2022 at 12:24 PM, McCulloch, Mark <mccullochm@wcroads.org> wrote:

Hello Laurie,

You will hear back from one of our directors on a timetable concerning Barlett Road. Thank you for inquiring.

Mark

Mark McCulloch

Sr. Project Manager - Permits

RE: Chloride Eisman road

From: Siddall, Sheryl (siddalls@wcroads.org)

To: paiken462@gmail.com

Cc: bridgewaterwpsupervisor@yahoo.com; lapea@wcroads.org; harrisk@wcroads.org; freemanr@wcroads.org

Date: Thursday, June 16, 2022 at 05:14 PM EDT

Dear Ms. Aiken,

WCRC shares the cost of dust control with our townships. Some of our townships select two applications of dust control and others select three. Since the other townships in your area schedule three applications, we start with those townships and then move into the townships such as Bridgewater Township which have requested two applications. We do this to make the best use of the material.

We have now completed dust control in the other areas and started dust control operations in Bridgewater Township this week. So, you should see us on Eisman Road soon.

If you have any other questions, please let me know.

Sincerely,

Sheryl Soderholm Siddall, P.E.

Managing Director



Washtenaw County Road Commission

555 N. Zeeb Road, Ann Arbor, Michigan

Direct: (734) 327-6687 | Main: (734) 761-1500

wcroads.org | [Follow us on Facebook](#)

From: Patsy Aiken <paiken462@gmail.com>

Sent: Tuesday, June 14, 2022 9:35 AM

To: bridgewaterwpsupervisor@yahoo.com

Cc: Siddall, Sheryl <siddalls@wcroads.org>
Subject: Chloride Eisman road

Inquiring as to why it is almost halfway through the summer and roads have not yet been chlorided. When is Eisman Rd. scheduled? We normally have the first treatment long before now.

The minute we drive out of Bridgewater township every road has been chlorided.

Is our township in financial trouble that we can not afford chloriding?

Thank you for your time and consideration of this matter.

Patsy R. Aiken

CAUTION - External Sender: This email was received from an external sender. Please be careful clicking links or opening attachments. When in doubt, contact WCRC IT.

9285 Willow Road
Saline, MI 48176
April 26, 2022

Dear Bridgewater Township Members:

On the northwest corner of US 12 and Willow Road is an old dilapidated motel. It is very much an eyesore. Is there something that can be done to have this property cleaned up? It has been this way for too many years.

Your assistance would be greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Mary Domeier".

Mary Domeier
(734) 664-3582

1. Call to order at 7.10
2. Roll call
 - a. Members Present: Horney, Oliver, Barbu
 - b. Members absent: Iwanicki, BarrQUORUM PRESENT
Others present: Rodney Nanney
3. Approve AGENDA:
 - a. Moved Horney, 2nd Oliver.
4. Angela Carnahan working with professional planner in rural communities.
 - a. Moved here from Oregon.
 - b. Built a house in Clinton.
 - c. Professional planner in Oregon
 - d. Wayne State University.
 - e. Joining Rodney is Angela
5. Approval of Minutes:
 - a. Moved by Horney, 2nd by Oliver
 - b. May 16 MINUTES approved
6. Citizen Participation:
 - a. Dan McQueer, shared driveways.
7. OLD BUSINESS
 - a. MOTION to determine that the use as proposed meets the definition of agricultural services establishment which is a special use permit in the AG district. Recommend this be on a county primary paved road. VOTE: Jeff Yes George Yes Dave Yes.
8. NEW BUSINESS:
 - a. Rooftop solar array. 2 applications.
 - i. Retail building "Dollar General" Wants Schnieder & Pleasant Lake corner.
 - b. Proposed cell tower on Willow. Rd. Tower
 - i. Not a good location. Have 90 days to review it & take action on this.
 - c. Trustee's report: They said talk about shared driveways
9. Michigan twp commission. Introduction to Planning & Zoning - May 31 has a in person version & Zoom version. In Frankenmuth.
10. Public Comment:
 - a. Dan McQueer

Next Meeting for JUNE is 3rd MONDAY 6/20 at 7pm.

Motion to Adjourn by Horney., 2nd by Oliver. MOTION CARRIED
Meeting adjourned at 9:07 pm.

BRIDGEWATER TOWNSHIP
PLANNING COMMISSION MEETING
MONDAY 7 PM JUNE 20, 2022
AGENDA

I. CALL TO ORDER

At 7pm

II. ROLL CALL AND DETERMINATION OF A QUORUM

A. Members Present: Horney, Oliver, Barr, Barbu

B. Members absent: Iwanicki

QUORUM PRESENT

Others present, Township: Rodney Nanney, Angela Carnahan, Michelle McQueer,
Laurie Fromhart

Others present, Public:

Glen Finkbeiner, 12250 E Michigan Ave, Clinton

Mike Impellizzeri, 9144 Willow Rd, Saline

Kri Krause, 4375 Clinton-Macon Rd, Clinton

III. REVIEW AND APPROVE AGENDA

A. Moved by Horney, 2nd Oliver. MOTION PASSED.

IV. APPROVAL OF MINUTES

A. MAY 16, 2022 Planning Commission meeting

a. Moved by Horney, 2nd by Oliver

b. MINUTES approved with changes

V. CITIZEN PARTICIPATION

None.

VI. PUBLIC HEARINGS – Tillman/Melinger 9129 Willow Rd. ATT cell tower application

A. 7:07 pm Horney moves to close township meeting and open public hearing. Barr 2nd.

Aye: Oliver, Barbu, Horney, Barr

No: None

MOTION CARRIED.

B. DISCUSSION

a. Noted that applicant did not attend the meeting, and that the application was sloppy, including lack of requested details, and wrong name for owner of property. PC members received full application details electronically on Saturday, June 18th – two days prior to the regular PC meeting.

b. Nanney noted that complete application starts the clock ticking. Stated that it is the Zoning Administrator (ZA) that declares application complete, and he had done so.

c. PC has possibility to deny, which resets clock, approve conditionally or not approving. If 90 days pass, application is automatically approved, which falls somewhere near end of July.

- d. PC reviewed conditions for approval which are dependent on ZA for review and acceptance. Not likely that requirements for approval could be met within remaining 90-day timeline.
 - e. Public Comments: Public comment from Kris Krause (owner) noting that no trees on property had yet been cut. Public comment from Finkbeiner about where the location is relative to property line. Finkbeiner asked why co-location to current tower on Neblo Rd had not been considered. Response: it was outside the perimeter defined by AT&T.
- C. 8:17 pm Horney moves to close public hearing and re-open PC meeting. Oliver 2nds.
Aye: Oliver, Barbu, Horney, Barr
No: None
MOTION CARRIED.
- D. Horney entertain motion for conditional approval for Tillman construction of 198' tower given conditions submitted by Angela and Rodney, and as read by Nanney. Motion Language as Exhibit A on next page. Horney moves to accept the motion as read by Nanney. Oliver 2nds.
Aye: Oliver, Barbu, Horney, Barr
No: None

VII. OLD BUSINESS

- A. Shared driveways - General discussion about shared driveways. Rodney and Angela are going to prepare some additional information for next meeting which will provide more information about different level options for private roads, including costs and construction alternatives. Township Engineer will be asked to attend.

VIII. NEW BUSINESS

None.

IX. COMMUNICATIONS

- A. Zoning Administrators Report
- B. Trustees Report

X. INFORMATIONAL ITEMS

- A. Nanney: Hearings in Lansing around sand & gravel. Opinion that nothing will happen prior to election.
- B. Barbu – Nature center
- C. Motion to skip July meeting due to lack of a quorum. Oliver Motioned, Barbu 2nd. Motion passed. Next meeting August 15th at 7 pm.

XI. PUBLIC COMMENT

None.

XII ADJOURNMENT

Motion to adjourn Horney, 2nd Oliver. Motion passed at 9:35pm

Exhibit A: MOTION LANGUAGE FOR CONDITIONAL APPROVAL OF TILLMAN CONSTRUCTION OF ATT CELL TOWER APPLICATION, AS READ.

Planning Commission motion to approve the application and site plan dated 05/12/2022 from Tillman Infrastructure to construct a 198'0" foot tall monopole-style wireless communication tower and ground equipment enclosure at 9129 Willow Rd., Saline, MI 48176, and PID: Q-17-25-200-013 in the AG (General Agriculture) District, finding that the plans can conform to the requirements of Section 11.38, subject to the following findings and conditions:

1. The design requirement in Section 11.38.I.9.b. that requires the monopole be painted white SHALL BE waived. The applicant's proposal for a galvanized steel tower design is APPROVED.
2. Submittal of a complete application and fee for an addressing assignment to the Township Clerk and issuance of an assigned tower address, prior to submittal of any building permit application.
3. Submittal of an insurance and engineering certificate for Zoning Administrator review and acceptance, prior to submittal of any building permit application.
4. Confirmation from the Twp. Assessor to the Zoning Administrator that all necessary tax-related information has been provided by the applicant, prior to submittal of any building permit application.
5. Submittal of Exhibit K that is to identify the FAA light requirements to demonstrate that the tower lighting satisfies Section 11.38 lighting design standards for Zoning Administrator review and acceptance, prior to submittal of any building permit application.
6. Provide the tower operator, installation contractor, and fiber supplier documentation and contact information to the Zoning Administrator, prior to submittal of any building permit application.
7. Submittal of a complete updated application including standard anti-climbing design elements, with corrected information, exhibits, and maps that are properly and consistently identified and labeled, and including updated construction drawings showing an 8-foot-tall ground enclosure fence, for Zoning Administrator review and acceptance, prior to submittal of any building permit application.

Bridgewater Township

Farmland Preservation Board Meeting

July 18, 2022

Draft Minutes

The Farmland Preservation Board meeting was called to order at 18:35 followed by the Pledge of Allegiance.

Present: McQueer, Faust and Scaturo. Howard arrived at 18:38. Absent: Wilkins.

Scaturo moved to take the minutes for the meeting and McQueer seconded the motion.

Faust moved to add item 6. a. WCCD Survey-Review ahead of Citizen Participation because Summer Roberts was in attendance to provide information about the review and answer questions. Howard seconded the motion and the motion passed.

Summer began her presentation by explaining the program and that the funds were very limited. Only 100 surveys were mailed which brought up the question why not one of the FLB members received the survey. The Board went over the mailing zip codes and Summer was going to check into why 48118 (Bridgewater) and 48176 (Saline) were not on the mailing list. She provided information collected by the 59% of Residence who responded to the survey and had maps of the Township from 2010 to present. The Board asked questions to get a better understanding of the program. The Farmland Board and WCCD may offer a day for residence to review the maps and give out free trees. The last day to send information to Summer is September 1, 2022. The Board thanked Summer for coming to the meeting and answering questions.

There were no Residents of Bridgewater Township in attendance to speak but Supervisor Fromhart shortly entered before Summer began her presentation.

Scaturo moved to approve the draft minutes from APRIL 18, 2022. McQueer noted a correction needed to be made to paragraph eight line 2 to strike County for Township. Howard seconded and the motion passed unanimously.

Scaturo moved to be Secretary and take minutes for the Farmland Board. McQueer seconded and the motion passed unanimously.

The Board discussed the concerns of farming with reinstating the Shared Driveway Ordinance. There are other issues regarding ownership, maintaining and use of driveway. Dan wanted a Representative to attend the Planning Commission meeting on August 15, 2022 at 7:00 pm.

McQueer moved to temporarily set the 2023 Farmland Board Meeting dates as follows:

January 16, April 17, July 17, and October 16, 2023. Further review and approval to be decided along with the possibility of changing the day and week of the meetings at the October meeting. Howard seconded and the motion passed unanimously.

There were no Residents of Bridgewater Township in attendance to speak.

Faust moved to adjourn the meeting at 20:00 and McQueer seconded and the meeting closed.

**Marcie Scaturo, Acting Secretary
Bridgewater Township Farmland Board**

Bridgewater Township
Farmland Preservation Board Meeting
April 18, 2022

APPROVED MINUTES JULY 18, 2022

The Farmland Preservation Board meeting was called to order at 18:36 followed by the Pledge of Allegiance.

Present: McQueer, Faust and Scaturo. Absent: Howard & Wilkins.

Scaturo moved for to take the minutes for the meeting and McQueer seconded the motion. The motion passed unanimously.

Scaturo moved to add item 6. c. Shared Driveways too agenda for discussion. McQueer seconded and the motion passed.

There were no Residents of Bridgewater Township in attendance to speak.

Scaturo moved to approve draft minutes from October 18, 2021. McQueer seconded. The motion passed unanimously.

There was little discussion to vote for a Secretary. Will review and discuss in July.

The Board discussed the WCCD review survey. There were only 100 surveys mailed in the County Township. None of the Board members present received a survey. Scaturo moved to table until the July 18, 2022 meeting. McQueer seconded and the motion passed unanimously.

The Board discussed the concerns of farming with reinstating the Shared Driveway Ordinance. There are other issues regarding ownership, maintaining and use of driveway. Dan wanted a Representative to attend the Planning Commission meeting on May 16, 2022 at 7:00 pm. Dan moved to attend the Planning Commission meeting on May 16, 2022. Scaturo seconded the motion. The motion passed unanimously.

There were no Residents of Bridgewater Township in attendance to speak.

Faust moved to adjourn the meeting at 19:35 and McQueer seconded the meeting closed.

Marcie Scaturo, Acting Secretary
Bridgewater Township Farmland Board

Washtenaw County Road Commission

Operations Report: 05/09/2022 thru 05/22/2022

Board Meeting Date: June 7, 2022

MAINTENANCE

Scraping of gravel roads and patching of paved roads were performed throughout the county. In addition, the following maintenance activities were performed in individual townships:

ANN ARBOR TOWNSHIP

- Limestone Patch – Ford Road: 32 tons

AUGUSTA TOWNSHIP

- Chipseal – Whittaker Road
- Local Road Dust Control
- Primary Road Dust Control

BRIDGEWATER TOWNSHIP

- Gravel Patch – Braun Road, Kies Road, Wallace Road, Willow Road: 19 tons
- Limestone Patch – Braun Road, Hack Road, Kies Road, Wallace Road, Willow Road: 172 tons
- Primary Road Dust Control

DEXTER TOWNSHIP

- Drainage and Backslopes – Lima Center Road
- Primary Road Dust Control

FREEDOM TOWNSHIP

- Drainage and Backslopes – Hieber Road
- Fallen Trees – Bemis Road
- Limestone Patch – Kothe Road, Parker Road: 28 tons
- Local Road Dust Control

LIMA TOWNSHIP

- Boom Mow – Sager Road, Waltrous Road
- Gravel Patch – Easton Road, Steinbach Road: 27 tons
- Gravel Patch Shoulders – Old US-12, Wylie Road: 30 tons
- Limestone Patch – Fletcher Road, Trinkle Road: 86 tons

Washtenaw County Road Commission

Operations Report: 05/23/2022 thru 06/05/2022

Board Meeting Date: June 21, 2022

MAINTENANCE

Scraping of gravel roads and patching of paved roads were performed throughout the county. In addition, the following maintenance activities were performed in individual townships:

ANN ARBOR TOWNSHIP

- Limestone Patch Shoulders – Ford Road: 30 tons
- Limestone Patch – Danbury Lane Englave Drive: 71 tons

AUGUSTA TOWNSHIP

- Drainage and Backslopes – Talladay Road
- Fallen Trees – Hitchingham Road, Tuttle Hill Road, Whittaker Road
- Limestone Patch – Gooding Road, Talladay Road: 75 tons

BRIDGEWATER TOWNSHIP

- Gravel Patch – Neblo Road: 10 tons
- Limestone Patch – Fisk Road, Hoelzer Road, Neblo Road: 44 tons
- Primary Road Dust Control
-

DEXTER TOWNSHIP

- Fallen Trees – Fleming Road, North Territorial Road
- Gravel Patch Shoulders – McGregor Road: 1 ton
- Limestone Patch – North Lake Road, Wylie Road: 110 tons

FREEDOM TOWNSHIP

- Chipseal – Pleasant Lake Road

LIMA TOWNSHIP

- Gravel Patch – Dancer Road, Liberty Road, Steinbach Road: 42 tons
- Limestone Patch – Dancer Road, Gross Road, Steinbach Road: 48 tons

LODI TOWNSHIP

- Chipseal – Ann Arbor-Saline Road, Parker Road, Pleasant Lake Road, Zeeb Road
- Limestone Patch – Alber Road, Dell Road, Noble Road, Saline Waterworks Road, Textile Road, Weber Road: 180 tons
- Local Road Dust Control
- Street Sweeping – Pleasant Lake Road, Zeeb Road

Washtenaw County Road Commission

Operations Report: 06/06/2022 thru 06/26/2022

Board Meeting Date: July 5, 2022

MAINTENANCE

Scraping of gravel roads and patching of paved roads were performed throughout the county. In addition, the following maintenance activities were performed in individual townships:

ANN ARBOR TOWNSHIP

- Chipseal – Geddes Road, Goss Road, Woodridge Avenue

AUGUSTA TOWNSHIP

- Boom Mow – Whittaker Road, Willow Road, Willis Road
- Limestone Patch – Talladay Road: 15 tons
- Local Road Dust Control

BRIDGEWATER TOWNSHIP

- Boom Mow – Austin Road, Clinton Road, Kies Road, Wallace Road
- Fallen Trees – Clinton Road, Willow Road
- Gravel Patch – Boettner Road, Braun Road, Burmeister Road, Hoelzer Road, Lima Center Road, Schellenberger Road, Waters Road, Willow Road: 76 tons
- Limestone Patch – Hack Road, Hoelzer Road, Hogan Road, Kies Road, Lima Center Road, Logan Road, Neal Road, Neblo Road, Schellenberger Road, Schwab Road, Waters Road, Wilbur Road: 92 tons
- Local Road Dust Control

DEXTER TOWNSHIP

- Boom Mow – North Territorial Road
- Fallen Trees – Quigley Road
- Limestone Patch – Lima Center Road, McKinley Road, Stinchfield Woods Road: 105 tons
- Local Road Dust Control

FREEDOM TOWNSHIP

- Boom Mow – Pleasant Lake Road
- Fallen Trees – Bemis Road, Loeffler Road
- Gravel Patch – Esch Road, Reno Road, Waters Road: 14 tons
- Gravel Resurfacing Project – Steinbach Road: 3,992 tons
- Limestone Patch – Parker Road: 24 tons

Washtenaw County Road Commission

Operations Report: 06/27/2022 thru 07/10/2022

Board Meeting Date: July 19, 2022

MAINTENANCE

Scraping of gravel roads and patching of paved roads were performed throughout the county. In addition, the following maintenance activities were performed in individual townships:

ANN ARBOR TOWNSHIP

- Drainage and Backslopes – Chalmers Drive
- Limestone Patch – Chalmers Drive, Maple Road, Stein Road: 53 tons

AUGUSTA TOWNSHIP

- Boom Mow – Bunton Road, Judd Road, Talladay Road, Torrey Road, Tuttle Hill Road
- Fallen Trees – Willow Road
- Limestone Resurfacing Project – Talladay Road: 7,774
- Limestone Patch – Hitchingham Road, Pitman Road: 90 tons
- Local Road Dust Control

BRIDGEWATER TOWNSHIP

- Gravel Patch – Sheridan Road: 24 tons
- Primary Road Dust Control

DEXTER TOWNSHIP

- Fallen Trees – Riker Road
- Gravel Patch – Brand Road: 16 tons
- Primary Road Dust Control

FREEDOM TOWNSHIP

- Gravel Patch – Altenbrent Road, Bemis Road, Bethel Church Road, Eisman Road, Ellsworth Road, Esch Road, Haab Road, Hieber Road, Kothe Road, Lima Center Road, Luckhardt Road, Pfaus Road, Rentz Road, Schmitz Road, Schneider Road, Spies Road, Steinbach Road, Waters Road: 82 tons
- Local Road Dust Control
- Primary Road Dust Control

Washtenaw County Road Commission

Operations Report: 07/11/2022 thru 07/24/2022

Board Meeting Date: August 2, 2022

MAINTENANCE

Scraping of gravel roads and patching of paved roads were performed throughout the county. In addition, the following maintenance activities were performed in individual townships:

ANN ARBOR TOWNSHIP

- Chipseal – Newport Road
- Limestone Patch Shoulders – Hogback Road: 6 tons
- Local Road Dust Control

AUGUSTA TOWNSHIP

- Limestone Patch – Arkona Road: 30 tons
- Local Road Dust Control

BRIDGEWATER TOWNSHIP

- Boom Mow – Austin Road
- Fallen Trees – Allen Road
- Roadside Debris – Allen Road, Burmeister Road

DEXTER TOWNSHIP

- Chipseal – Dexter Townhall Road, Island Lake Road
- Cleaned Culvert – Dexter-Pinckney Road
- Drainage and Backslopes – McKinley Road, Riker Road
- Limestone Patch – Riker Road, Waterloo Road, Winston Road: 40 tons

FREEDOM TOWNSHIP

- Gravel Patch Resurfacing Project – Steinbach Road, Waters Road: 1,273
- Limestone Patch Shoulders – Pleasant Lake Road: 35 tons

LIMA TOWNSHIP

- Berming – Dancer Road, Dexter-Chelsea Road
- Chipseal – Jackson Road
- Culvert Replacement – Trinkle Road
- Drainage and Backslopes – McKinley Road

LODI TOWNSHIP

- Limestone Patch – Dell Road, Noble Road, Saline Waterworks Road: 75 tons
- Local Road Dust Control