



Beaver Island Association

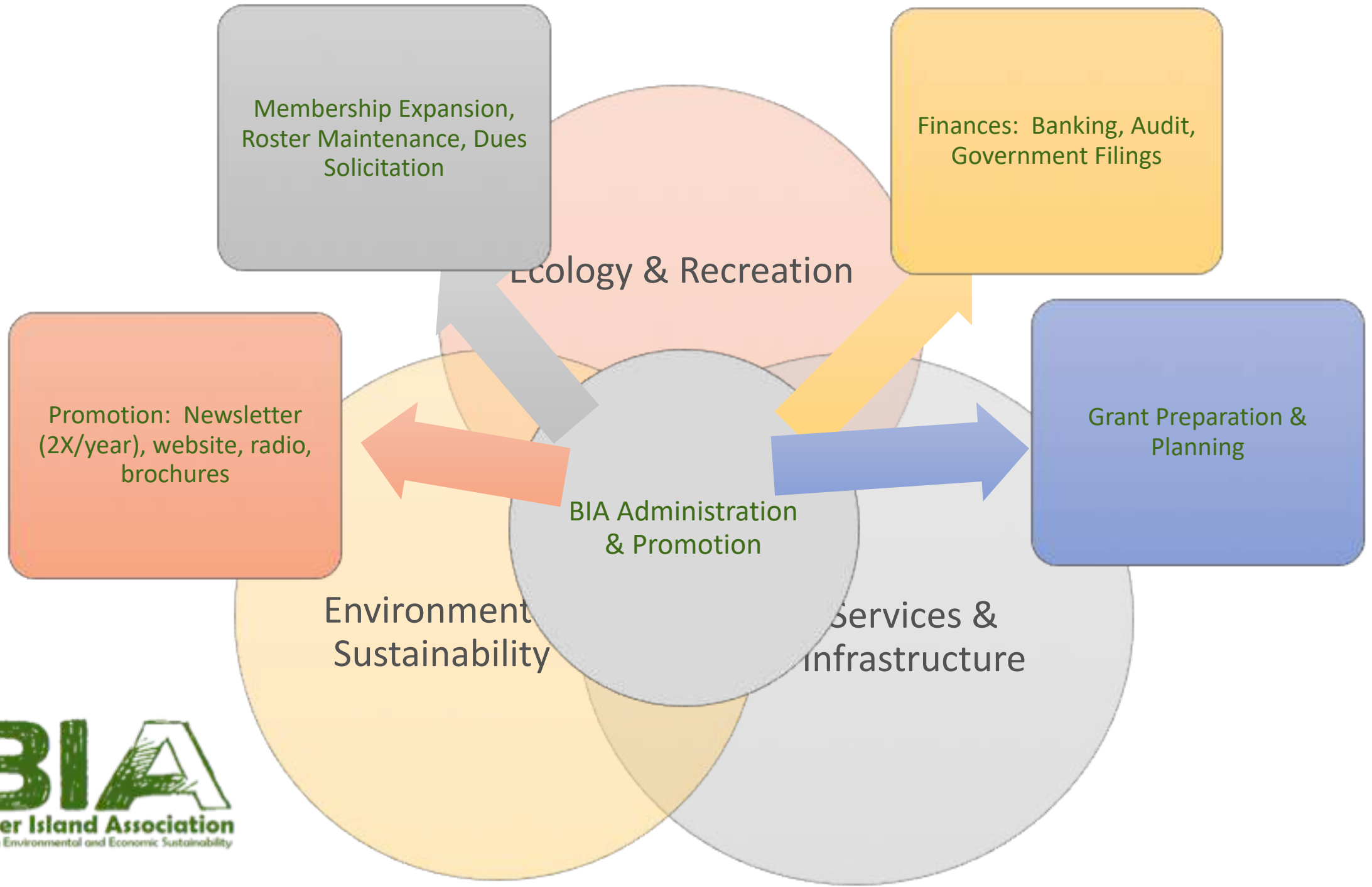
Supporting Environmental and Economic Sustainability



2018 Annual Meeting
Monday, July 9, 2018
4:00-5:30 p.m. at the Community Center

Agenda

2017-18 Activity Overview
Election of Directors & Financial Report
Great Lakes Island Alliance
Invasives Update
Waterways Trail
Broadband Internet Initiative
BICS Superintendent's Report



Support Recreation

- Birding
- Waterways
- Hunting
- Fishing
- Biking
- Dark Sky
- Camp Sites

Ecology & Recreation

Maintain & Preserve Environment

- Beaches
- Forests
- Endangered Species
- Invasive Species
- Nature Preserves
- Wildlife

Healthcare

BI Rural Health Center, BI Emergency Medical Services, Charlevoix Area Hospital, Munson Hospital, telemedicine, aging-in-place

Education

Beaver Island Community School, mentoring, tutoring, teaching, virtual technology, early childhood education, coastal resilience, CMU, permaculture

Other Services

Fire department, police, transfer station, zoning, road maintenance and signage.

Infrastructure

Airport, marina, government buildings, EMS vehicles, affordable housing.

Services & Infrastructure

Economic Sustainability

Great Lakes Islands Alliance

Maine Institute Project

Communications

Internet, cell phone coverage, radio, television

Collaboration

NGOs, Townships, Charlevoix Count, Tribes, State Agencies, Universities, Community Center

Property Tax Monitoring



2018 Annual Meeting
Monday, July 9, 2018
4:00-5:30 p.m. at the Community Center

Agenda

2017-18 Activity Overview
Election of Directors & Financial Report
Great Lakes Island Alliance
Invasives Update
Waterways Trail
Broadband Internet Initiative
BICS Superintendent's Report

Board of Directors 2017-2018						
<u>Director</u>		<u>Term</u>		<u>Term Ends</u>		
Pam Grassmick		Third		July 2020		
Taffy Raphael		Third		July 2020		
Bob Tidmore		Third		July 2020		
Mark Englesman		Second		July 2020		
Jim Jones		Third		July 2018		
Ken McDonald		Third		July 2018		
Bob Anderson		Third		July 2018		
Kevin Boyle		First		July 2018		
Patrick McGinnity		First		July 2018		
Beth Leuck		Third		July 2019		
Don Fix		First		July 2019		
Sheri Richards		First		July 2019		
Alan Vicstein		First		July 2019		
Min 9, Max 15						

Beaver Island Association Annual Report

Fiscal Period Ending June 30, 2018

Change in Assets

Account	6/30/17	6/30/18	Change
Checking	1,329.92	3,908.97	2,579.05
CD	<u>5,449.36</u>	<u>3,958.01</u>	<u>-1,491.35</u>
Total	<u><u>6,779.28</u></u>	<u><u>7,866.98</u></u>	<u><u>1,087.70</u></u>

Beaver Island Association Annual Report

Fiscal Period Ending June 30, 2018

Cash Flow

(Checking and Savings Combined)

7/1/2017-
6/30/2018

7/1/2017- 6/30/2018

INCOME

Interest Inc	8.65
Membership Dues	1705.00
Other Income (Business)	
BIBT Fees	2235.00
BIBT Sponsorship	675.00
Donations	0.00
Island Fellow Donations	1500.00
TOTAL Other Income (Business)	4410.00
TOTAL INCOME	6123.65

EXPENSES

Advertising (Business)	
BIA	242.50
BIBT	100.00
TOTAL Advertising (Business)	342.50
Insurance (Business)	229.00
Meals & Entertainment (Business)	415.18
Misc. Expense (Business)	
Bank Fees	25.68
Clothing - Custom Printed	1122.80
Island Institute	0.00
Meeting Expenses	200.00
Memberships	260.00
Recognition Award	132.00
Rental Fees	820.00
Web Services	
BIA	600.00
BIBT	248.94
Island Jewel	80.00
TOTAL Web Services	928.94
TOTAL Misc. Expense (Business)	3559.42
Postage and Delivery (Business)	122.00
EMS Project	0.00
TOTAL Postage and Delivery (Business)	122.00
Printing and Reproduction (Business)	202.99
EMS Project	0.00
TOTAL Printing and Reproduction (Business)	202.99
Taxes (Business)	
Licenses (Business)	20.00
TOTAL Taxes (Business)	20.00
Travel (Business)	214.86
TOTAL EXPENSE	5105.95
OVERALL TOTAL Increase (Decrease)	1087.70

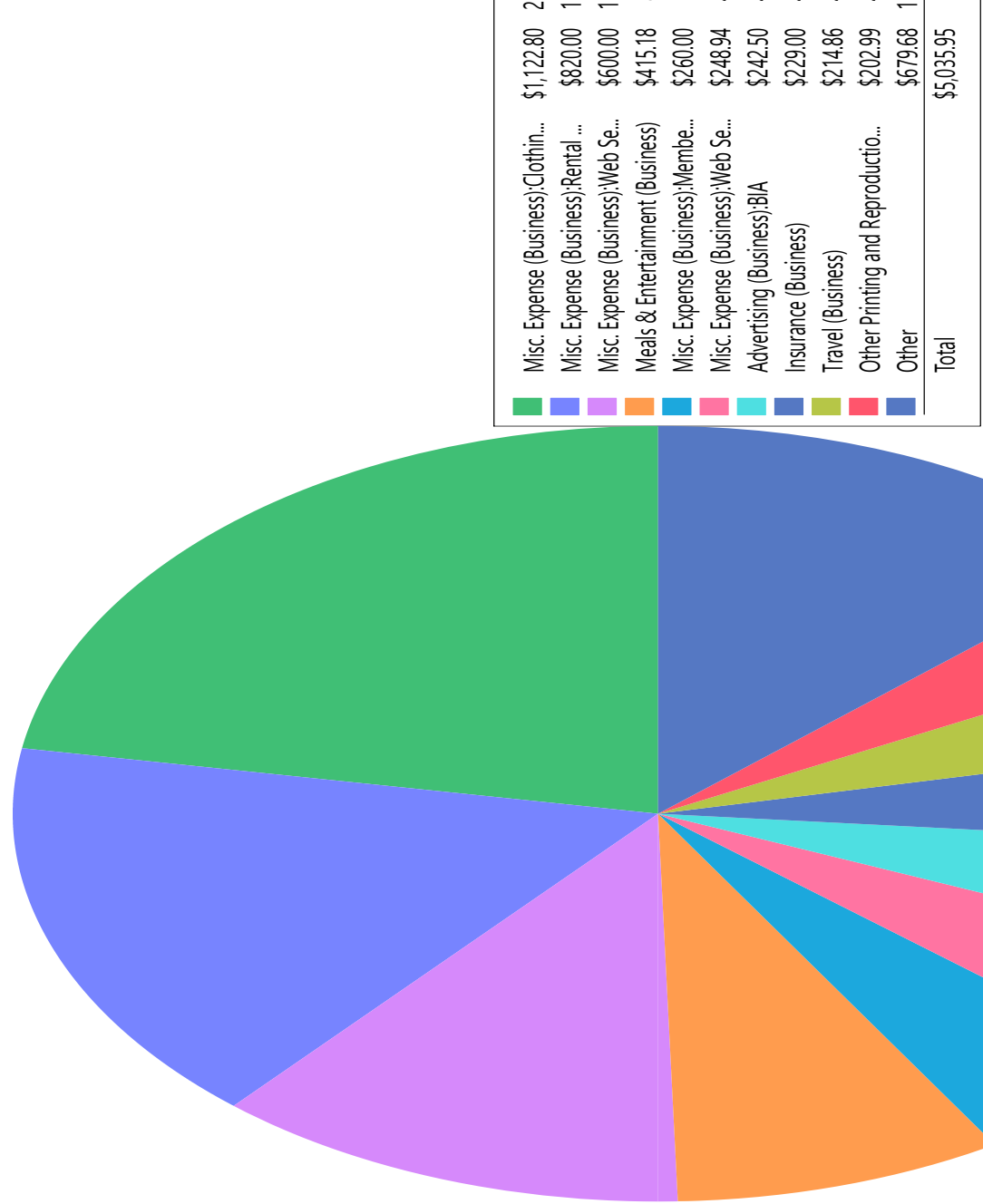
Beaver Island Association Annual Report

Cash Flow Comparison Re-Styled for Timing between Periods

	(decrease) Increase				
Category	7/1/2016- 6/30/2017	7/1/2017- 6/30/2018	Increase (Decrease)	2017	2018
INCOME					
Interest Inc	10.87	8.65	(2.22)		
Membership Dues	1840.00	1705.00	(135.00)		
Other Income (Business)					
BIBT Fees	915.00	1590.00	675.00	645.00	-645.00
BIBT Sponsorship	1225.00	675.00	(550.00)		
Donations	255.00	0.00	(255.00)		
Island Fellow Donations	300.00	1500.00	1200.00		
TOTAL Other Income (Business)	2695.00	3765.00	1070.00		
TOTAL INCOME	4545.87	5478.65	932.78		
EXPENSE					
Advertising (Business)					
BIA	782.50	242.50	540.00		
BIBT	0.00	100.00	-100.00		
TOTAL Advertising (Business)	782.50	342.50	440.00		
Insurance (Business)	229.00	229.00	0.00		
Meals & Entertainment (Business)	40.67	415.18	(374.51)		
Misc. Expense (Business)					
Bank Fees	30.00	25.68	4.32		
Clothing - Custom Printed	419.83	702.97	(283.14)	419.83	-419.83
Island Institute	0.00	0.00	0.00		
Meeting Expenses	0.00	200.00	(200.00)		
Memberships	360.00	260.00	100.00		
Recognition Award	0.00	132.00	(132.00)		
Rental Fees	0.00	820.00	(820.00)		
Web Services					
BIA	600.00	600.00	0.00		
BIBT	464.90	203.00	261.90	45.94	-45.94
Island Jewel	80.00	80.00	0.00		
TOTAL Web Services	1144.90	883.00	261.90		
TOTAL Misc. Expense (Business)	3006.90	4010.33	(1003.43)		
Postage and Delivery (Business)	463.35	122.00	341.35		
EMS Project	159.80	0.00	159.80		
TOTAL Postage and Delivery (Business)	623.15	122.00	501.15		
Printing and Reproduction (Business)	1008.35	202.99	805.36		
EMS Project	738.60	0.00	738.60		
TOTAL Printing and Reproduction (Business)	1746.95	202.99	1543.96		
Taxes (Business)					
Licenses (Business)	20.00	20.00	0.00		
TOTAL Taxes (Business)	20.00	20.00	0.00		
Travel (Business)	94.00	214.86	-120.86		
TOTAL EXPENSE	5491.00	4640.18	850.82	465.77	-465.77
OVERALL TOTAL	-945.13	838.47	-1783.60	179.23	-179.23

Spending by Category

7/1/2017 through 6/30/2018



Beaver Island Association Annual Report

Fiscal Period Ending June 30, 2018

Notes to Financial Statements

- 1) Change in the Financial position is primarily due to a reduction in costs related to the publication of the Newsletter & EMS Project
- 2) Birding Trail Expenses and Income Increased largely due to Field Trips to Garden Island
- 3) We have 32 Birding Trail T-Shirts left Over (80 were purchased)
- 4) We are planning on converting the Birding Trail site to a WordPress to further reduce operating expenses.



2018 Annual Meeting
Monday, July 9, 2018
4:00-5:30 p.m. at the Community Center

Agenda

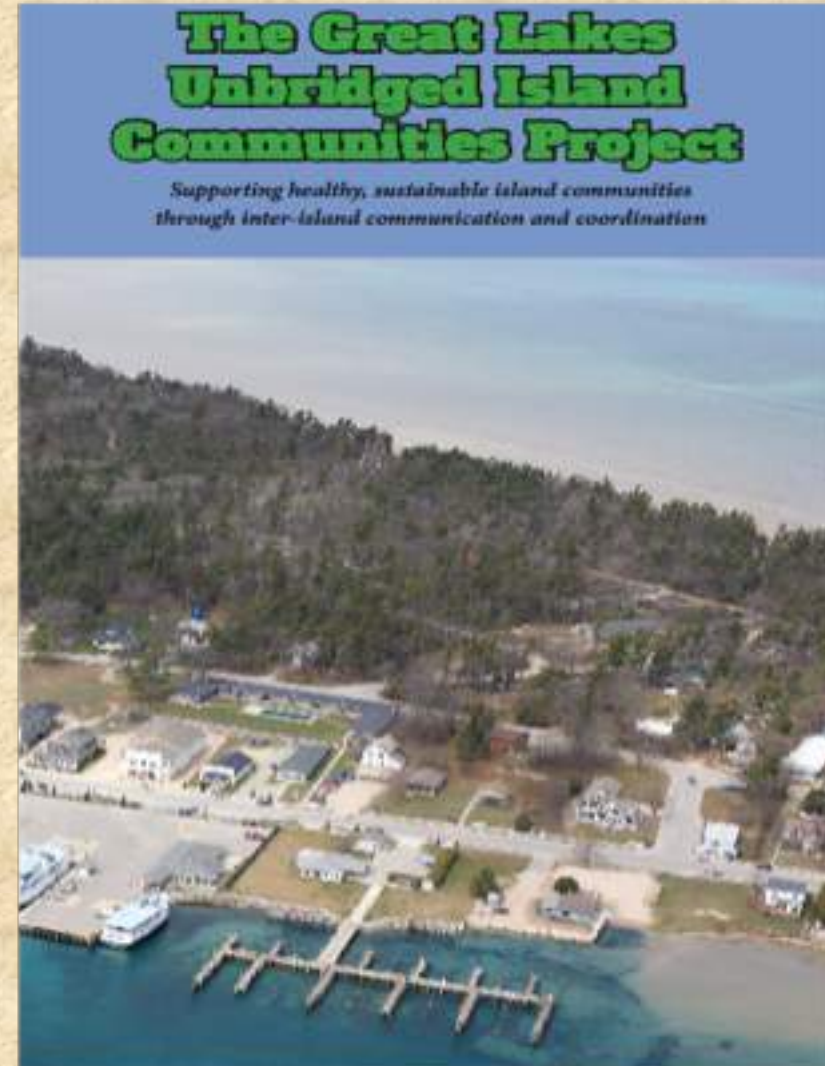
2017-18 Activity Overview
Election of Directors & Financial Report
Great Lakes Island Alliance
Invasives Update
Waterways Trail
Broadband Internet Initiative
BICS Superintendent's Report

Great Lakes Islands Alliance

Formally known as the Great Lakes Islands Coalition

BIA Participants: Robert Anderson, Kevin Boyle,
Pam Grassmick, and Patrick McGinnity

"Sharing Solutions between Beaver Island, Michigan, and Maine Island Communities - Building Local Capacity through Community Exchanges."
Funded with support from OGL/CZM, Comer Foundation, Charlevoix County Foundation, and private donations to BIA.





First Effort to Gather GL Islands-September 2017
Beaver Island, Michigan

**2017 Great Lakes Islands Summit:
"Laying the Foundation for a Great Lakes Islands Coalition"**

**Beaver Island, Michigan
September 25-26, 2017**



Photo Credit: Mackinac Island Town Crier

**Meeting Summary
FINAL 11/18/2017**

Monthly Conference Calls with 16 year-round inhabited islands-roughly 50 people participating.

The members of the GLIC came together to foster cooperation and knowledge sharing between island communities across the Great Lakes region in order to empower island communities to better meet the challenges of life in geographically isolated and culturally unique communities.

Goals:

- Facilitate solution sharing
- Facilitate inter-island communication
- Unite many voices into one that will be better heard by state, provincial, and national governments
- Preserve the unique cultures of all Great Lakes Islands
- Encourage and facilitate island-appropriate economic development and ecological preservation.
 - What is happening?
 - Currently working on:
 - June/July: review “Preliminary Draft Charter”
 - Milestone: **August 1**, a revised “First Draft Charter” ready for full GLIC conference call
 - August/Sept: receive & incorporate GLIC comments, tweak document; discuss #2 above
 - Milestone: **October 1**, “Final Charter” presented to the full GLIC at the 2018 Islands Summit and endorse there (assuming that is what’s recommended)



Beaver Island will send representatives to Madeline Island, WI. for the 2nd GLIA Meeting in October 2018.



2018 Annual Meeting
Monday, July 9, 2018
4:00-5:30 p.m. at the Community Center

Agenda

2017-18 Activity Overview
Election of Directors & Financial Report
Great Lakes Island Alliance
Invasives Update
Waterways Trail
Broadband Internet Initiative
BICS Superintendent's Report

Invasive Species Report
2018 Beaver Island Association Annual Meeting
Beth Leuck

- 1. CAKE CISMA**
- 2. Phragmites**
- 3. Garlic mustard**
- 4. Emerald ash borer**
- 5. Fox snake (not invasive)**

CAKE CISMA
Charlevoix, Antrim, Kalkaska, Emmett
Cooperative Invasive Species Management Area



Mission Statement:

To protect the natural resources, economy, and human health in Northern Lower Michigan through collaborative outreach and management of invasive species.

Phragmites

- no Phragmites coordinator**
- continue to monitor shoreline owner concerns**
- CAKE CISMA treatment this summer?**



Garlic mustard

- two known populations on island
 - in town (under control)
 - Kuebler Trail at Eagle Bay Road (out of control)
- future help from CAKE CISMA



Winter tree and shrub damage

-weather related (not a pest species)



Emerald ash borer (EAB)

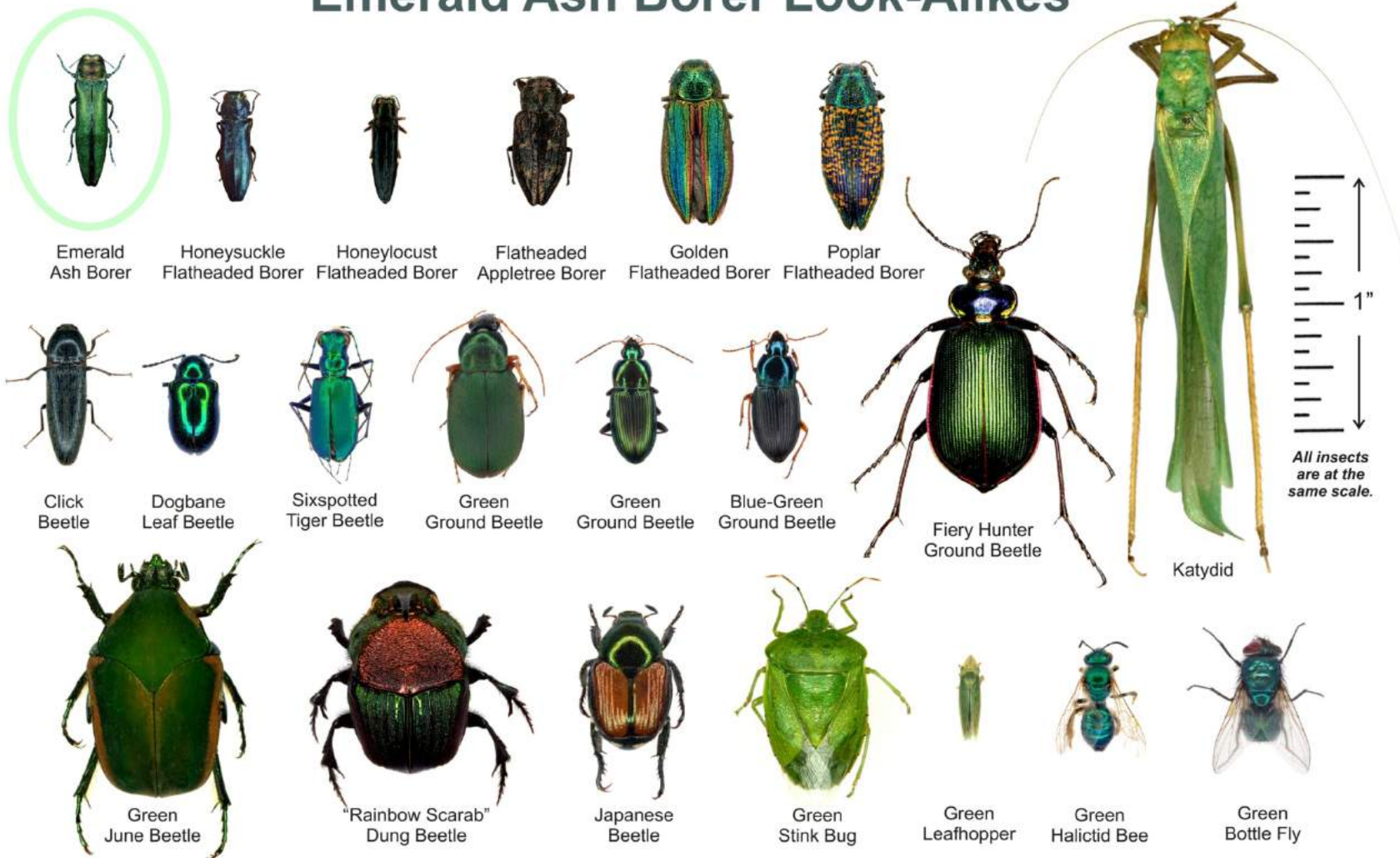




- quarantine lifted in all MI counties
- Beaver Island no longer protected by state law
- island/townships ordinance needed?



Emerald Ash Borer Look-Alikes



There are many bright metallic-green insects in Nebraska, but the emerald ash borer beetle is only a half-inch long and strictly associated with ash trees.

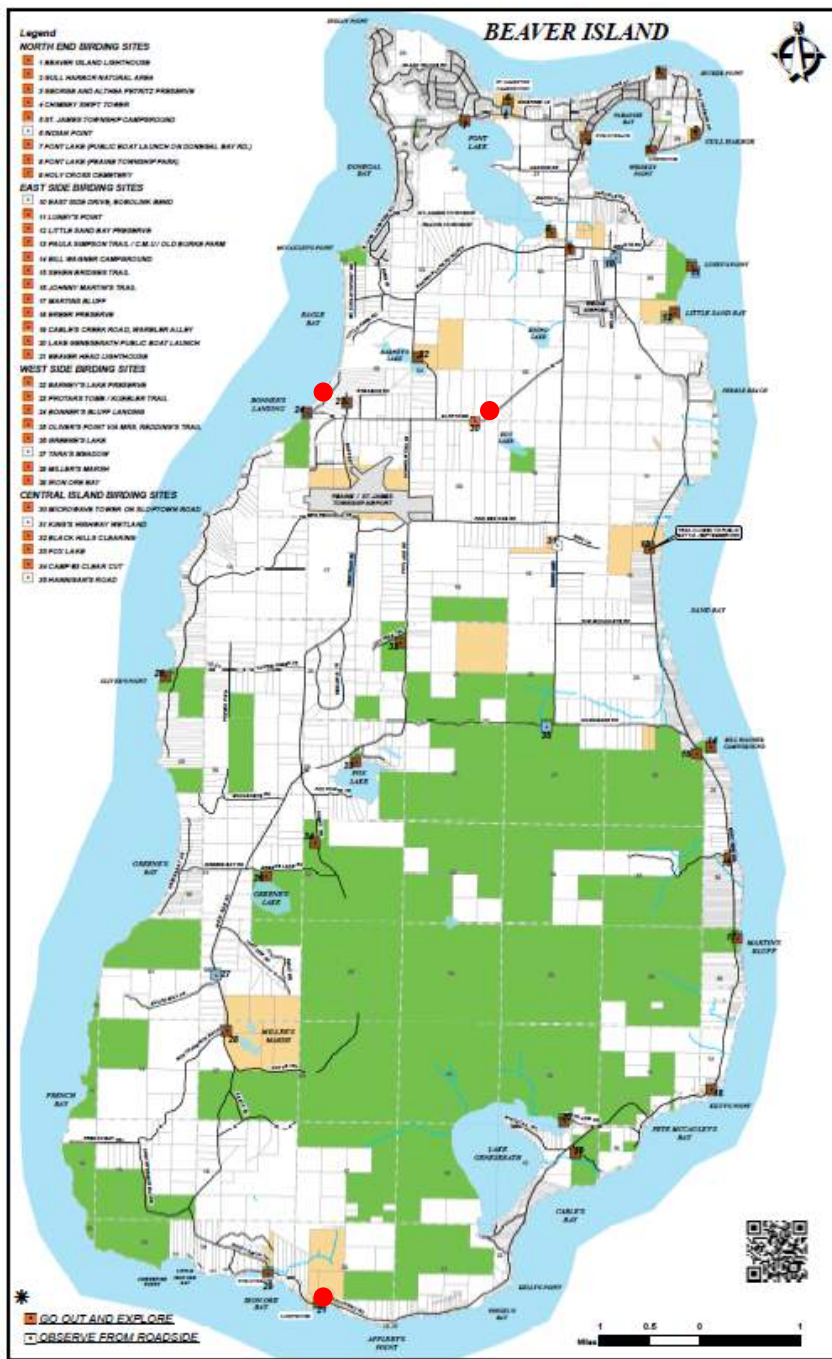


Produced as a cooperative effort by University of Nebraska-Lincoln Extension, Nebraska Department of Agriculture, Nebraska Forest Service, and USDA-APHIS.



University of Nebraska-Lincoln Extension educational programs abide with the non-discrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture.

A photograph of a Timber Rattlesnake (Crotalus tigris) with dark brown and tan bands, coiled on a rocky surface. The snake's head is visible on the right side of the image, and its tail extends towards the bottom left. The background consists of light-colored, irregularly shaped rocks. In the bottom left corner, there is a small white text overlay that reads "© MN DNR".





2018 Annual Meeting
Monday, July 9, 2018
4:00-5:30 p.m. at the Community Center

Agenda

2017-18 Activity Overview
Election of Directors & Financial Report
Great Lakes Island Alliance
Invasives Update
Waterways Trail
Broadband Internet Initiative
BICS Superintendent's Report



Beaver Island Community Center Trail Headquarters

Beaver Island Water Trail

What is a Waterways Trail? A Waterways Trail is defined as:

1. Recreational route on waterways.
2. With a network of public access sites
3. Supported by broad-based community partnerships
4. Provide both conservation and recreational opportunities

For the purpose of the Beaver Island Water Trail, it will be intended for non-motorized watercraft such as kayaks, canoes, and paddle boards. The proposed route will circumnavigate 50 miles of the Beaver Island shoreline. 4.6 million people in the Midwest are water trail participants with \$1.78 billion in related trip spending.

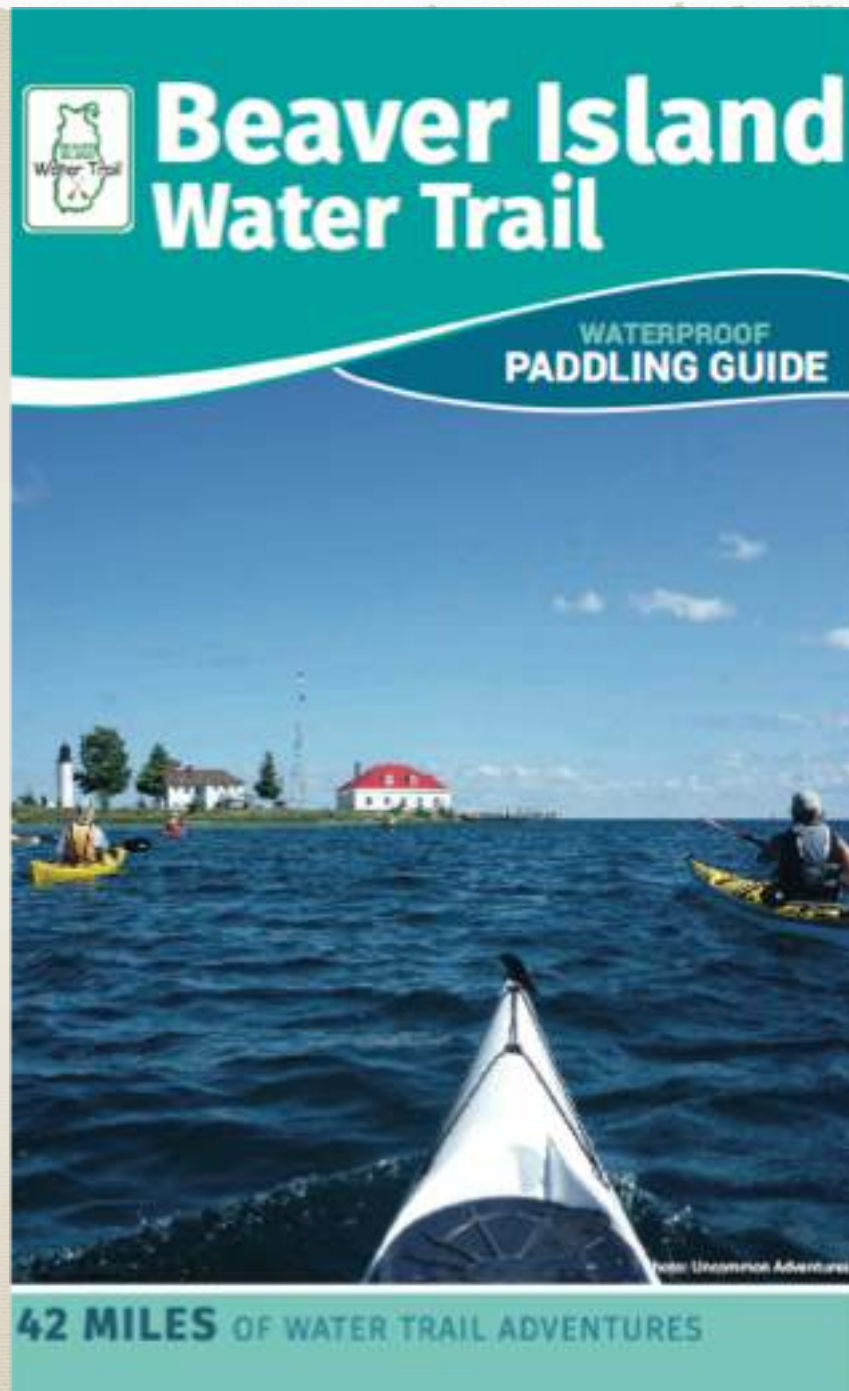
Beaver Island Road Map





Submitted to Townships and BI Trails Association

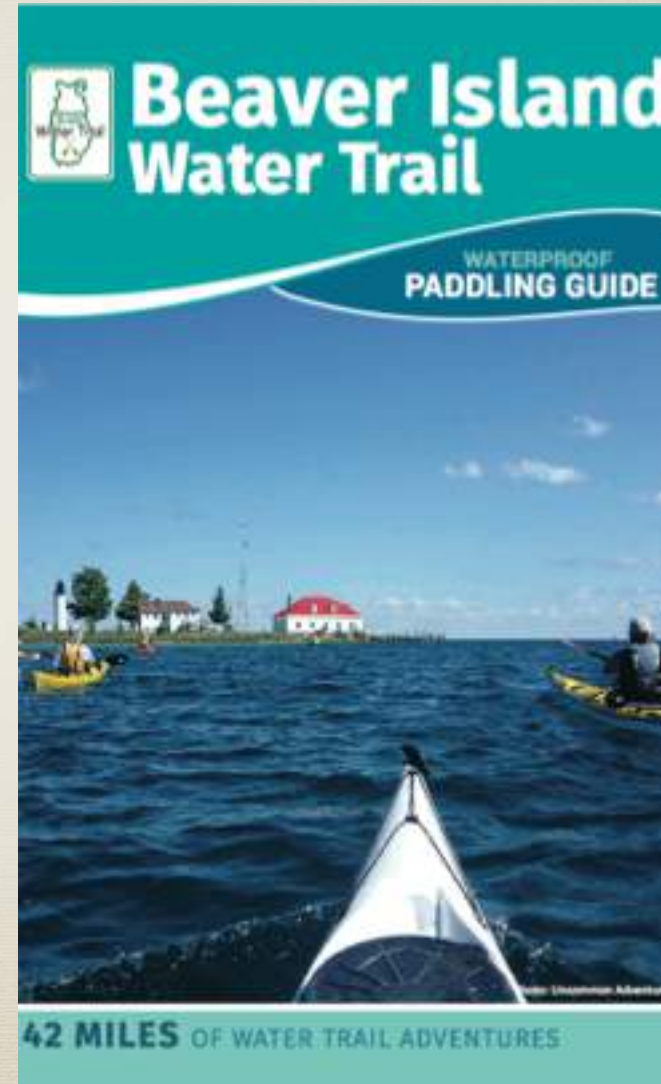
www.michiganwatertrails.org



www.michiganwatertrails.org

Where are the proposed sites?

Currently, we have identified 14 sites which will be located on public property on township, state, and Little Traverse Conservancy property. A two sign system will be used similar to the BIBT signage to indicate some of the areas are stop over sites and others allow for overnight camping. Discussions with the DNR led to the development of a special use permit to allow camping using waterways trail concept. It is intended that all the state lands bordering Lake Michigan will be used either as rest stop over site or primitive camping.

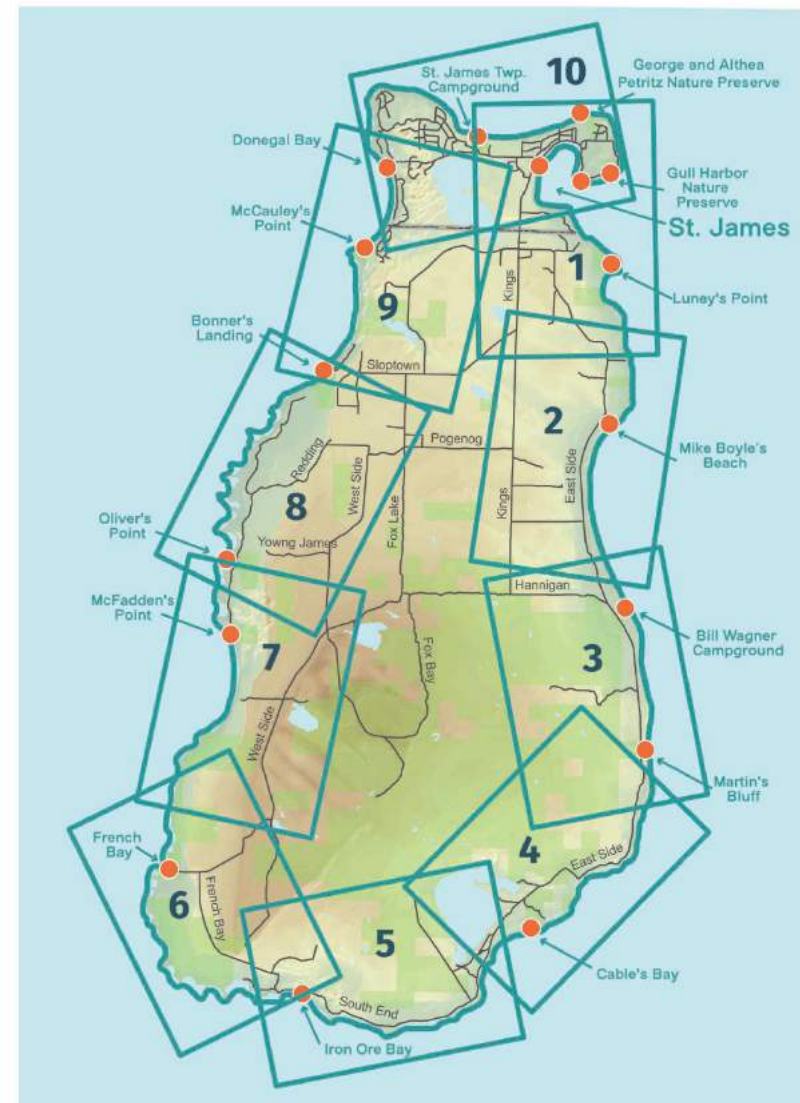


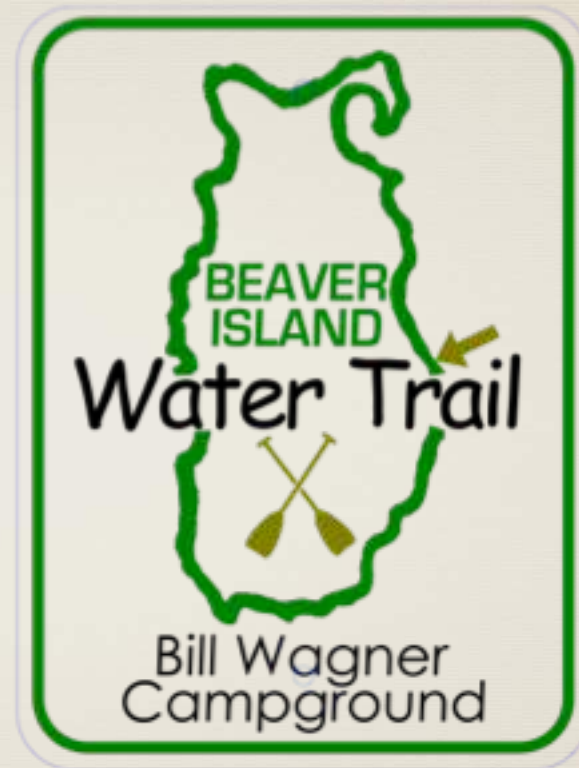
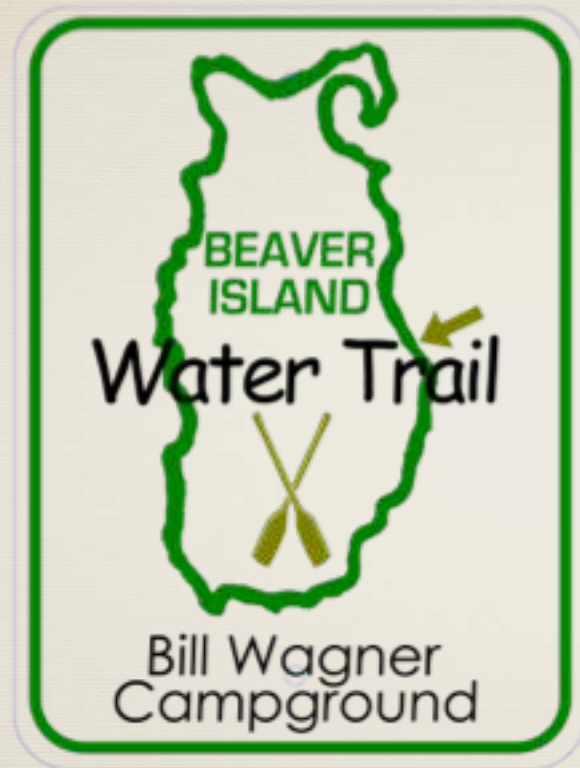
Beaver Island Road Map



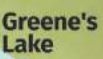
Map Index

The map pages are numbered to correspond to the sections shown below. The North symbol indicates the page position relative to due north.





Being installed by Trails Association





Please join our island community on
Saturday, September 1, 2018
at the Beaver Island Community Center
to dedicate the Beaver Island Water Trail.

Our celebration includes special speakers, music, food,
and an opportunity to participate in paddling demonstrations earlier in the day.

Festivities at the Community Center begin at 4 p.m.
Check out the Community Calendar for event happenings throughout the day.
Reservations are necessary and can be made by contacting the
Beaver Island Community Center

231-448-2022



2018 Annual Meeting
Monday, July 9, 2018
4:00-5:30 p.m. at the Community Center

Agenda

2017-18 Activity Overview
Election of Directors & Financial Report
Great Lakes Island Alliance
Invasives Update
Waterways Trail
Broadband Internet Initiative
BICS Superintendent's Report

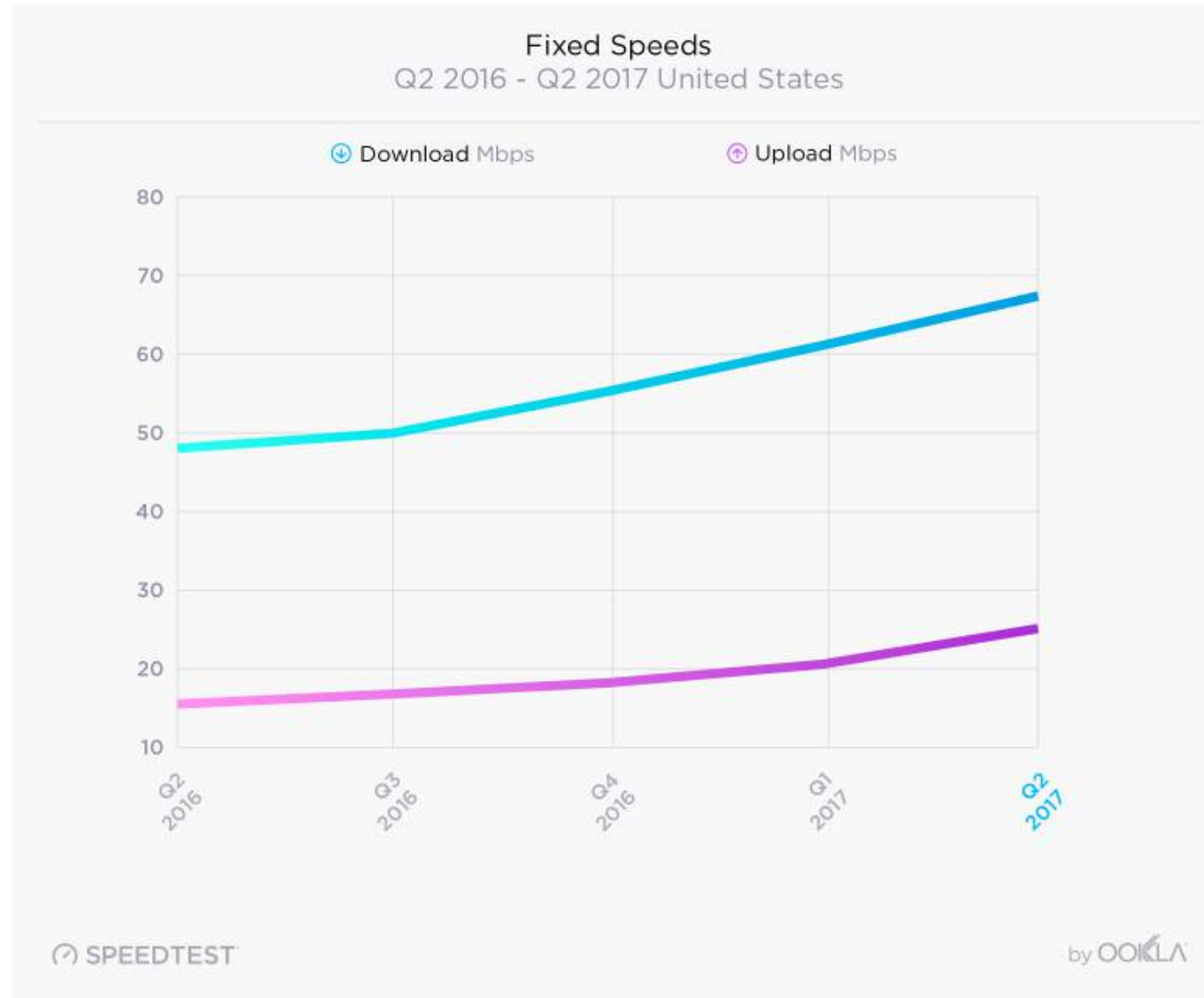
Broadband on Beaver Island

Falling behind

- Average speed in D.C. was 24 mbps in 1Q2016
 - ▣ Up 13% from prior quarter and 48% from prior year
- Average peak speed (based on large file downloads) in DC was 93 mbps in 1Q2016
- Nationwide average speed in 1Q2016 was 15.3 mbps
 - ▣ Up 7.7% QoQ and 29% YoY
- Nationwide average peak speed was 67.8 mbps
 - ▣ Up 24% QoQ and 38% YoY

Source: Akamai State of the Internet Report 1Q2016

Broadband on Beaver Island



Broadband on Beaver Island

City, state	Average city download speed (Mbps)	Average city upload speed (Mbps)
Kansas City, MO	131.39	117.44
Austin, TX	115.54	62.36
San Francisco, CA	104.53	41.8
Charlotte, NC	102.53	59.02
Atlanta, GA	94.08	49.61
Seattle, WA	92.61	49.57
Lubbock, TX	92.42	18.77
Irvine, CA	89.38	34.66
Winston-Salem, NC	89.12	38.06
Nashville, TN	88.91	38.98

Broadband on Beaver Island

Gigabit internet proposed for....

- **Traverse City**
- **GLE Service areas in Emmet & Charlevoix County**

Broadband on Beaver Island

Where are we?

- TDS
- NMU
- GLE

Broadband on Beaver Island

What can you do?

- **Express interest in GLE service at: jointruestream.com**
- **Support funding a tower for educational broadband service**



2018 Annual Meeting
Monday, July 9, 2018
4:00-5:30 p.m. at the Community Center

Agenda

2017-18 Activity Overview
Election of Directors & Financial Report
Great Lakes Island Alliance
Invasives Update
Waterways Trail
Broadband Internet Initiative
BICS Superintendent's Report



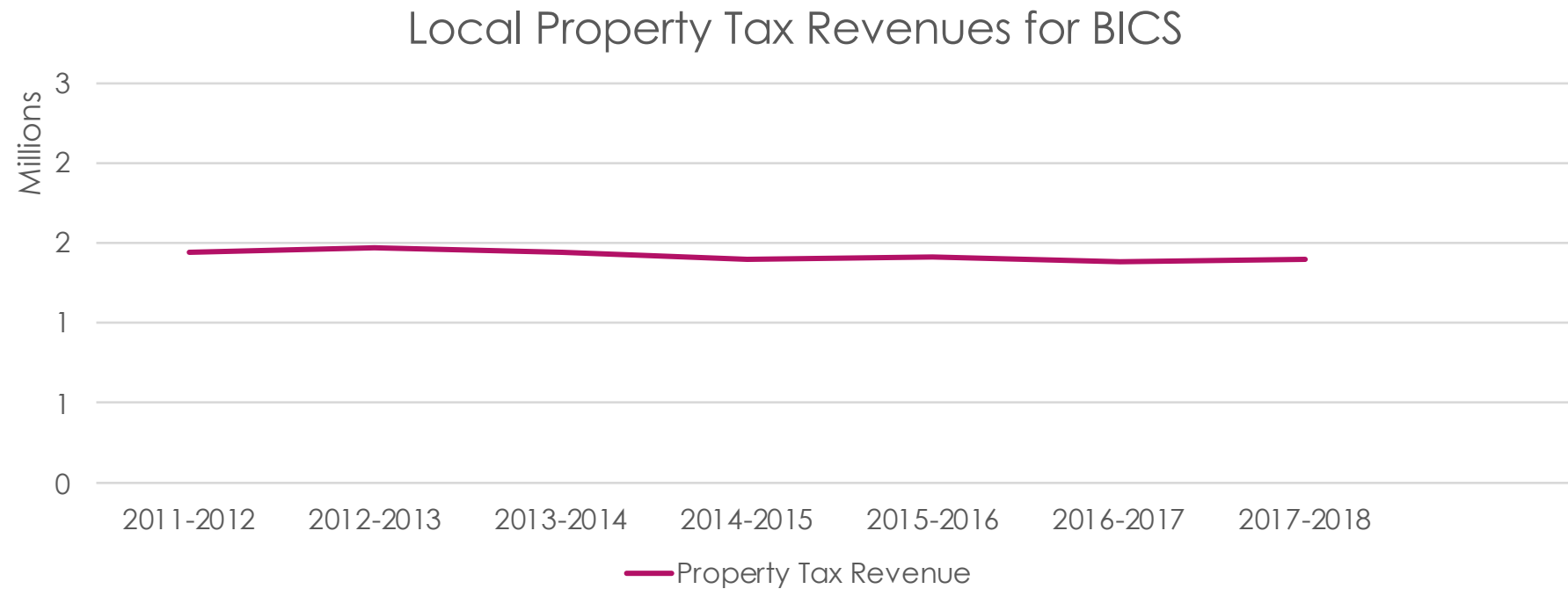
Beaver Island Community School

UPDATE TO BEAVER ISLAND ASSOCIATION

School Finance Primer

- ▶ BICS Out of Formula School District
- ▶ Proposal A of 1994—Intended to Provide Tax Relief and Funding Equity
 - ▶ All Property Owners Pay the State Education Tax (6.00 mills)
 - ▶ Non-Homestead Properties Pay School Operating Millage (vast majority in state pay 18.00 mills plus Headlee rollback)
 - ▶ BICS Non-Homestead Rate is 15.7908 mills—lowest in Charlevoix County
 - ▶ With Voter Approval, schools can levy sinking funds, technology bonds, construction bonds, etc.
- ▶ Between 70% - 75% of BICS annual budget is from Non-Homestead Property Taxes
- ▶ All properties must be in a school district.

Local Property Tax Revenues 2011-2018



BICS at a Glance

- ▶ Pre-K to 12th Grade
- ▶ 48 students
- ▶ 8 full time teachers (3@elementary, 4@secondary, 1 S.E.)
- ▶ 2 half-time teachers and several adjunct faculty (robotics, drama, history)
- ▶ 4 varsity sports (co-ed soccer, volleyball, men's and women's basketball)
- ▶ Offer all classes required for Michigan Merit Curriculum
- ▶ Offer 4 AP classes (AP CSP, AP Government, AP Literature, AP Calculus)
- ▶ 96.49% on Michigan's School Index (www.mischooldata.org).

Challenges of Operating a Small School

- ▶ Despite huge benefits to students of small community school...
- ▶ No “economies of scale” of scale when you go small in education.
- ▶ Still have to maintain physical plant (huge community investment).
- ▶ Still have to meet state requirements:
 - ▶ Must have certified and highly qualified teachers (and compete with mainland for them)
 - ▶ Must meet state guidelines for third grade reading, teacher evaluation, special education, and all reporting requirements
 - ▶ Must offer required courses for graduation, regardless if you have 3 or 30 students in a particular grade level

Importance of BICS to Future of Beaver Island

- ▶ BICS offers quality education in a safe and supportive environment.
- ▶ Good schools are important to young families—we need young families to help drive the economy.
- ▶ BICS is a focal point of the community—athletics, student performances, events.
- ▶ BICS is a venue for community use—everything from Wednesday night volleyball to Baroque on Beaver.
- ▶ BICS students are an important part of the community—caroling, St. Patrick's Day, Island Cleanup, etc.
- ▶ BICS is going to be the home for a community fitness center.
- ▶ BICS looking to expand service the community (i.e., community school offerings).

Beaver Island with No School?

- ▶ Option: Close BICS and Fly All Students to Charlevoix Public Schools.
 - ▶ Property taxes would increase to 21.1479 mills (includes 18 mill operating, plus Headlee override, and debt retirement bonds).
 - ▶ Family Concerns:
 - ▶ Safety
 - ▶ Students missing days of school due to weather
 - ▶ What if students get stranded on mainland?
 - ▶ Money generated from property taxes would leave Beaver Island.
 - ▶ Existing families might leave; would others move here knowing that there is no school?
 - ▶ If you don't have a school—you don't have a community.

BICS with Elementary and Middle School?

- ▶ Option: Maintain elementary and middle school on Beaver Island and fly high-school students to Charlevoix Public Schools.
 - ▶ Would still need to pay for operations and El. and M.S. teaching staff.
 - ▶ Added costs for sending HS students to CPS would include:
 - ▶ Pay for flights (about \$16,000 per student per year at current prices)
 - ▶ Pay per-pupil allowance or tuition if CPS goes out of formula (if CPS would participate in schools of choice) (currently \$10,393 per student)
 - ▶ Would still need to address family concerns.
 - ▶ Would dramatically change school culture and contribution to community by not having high school students:
 - ▶ No upper student leadership from upper classmen
 - ▶ No varsity sports or other community events provided by upper classmen
 - ▶ Tough to continue school traditions

Close BICS and Open a Charter School?

- ▶ Option: Close BICS and Open a Charter School on the Island.
 - ▶ Would need a sponsoring institution.
 - ▶ Charter schools receive base per-pupil allowance.
 - ▶ Geographic area of Beaver Island would still be in a school district for property taxation purposes (if BICS ceased to exist, would most likely be CPS).
 - ▶ Charter schools do not have taxing authority, so most small charters need private fundraising to cover costs of building and operations.
 - ▶ As with other charter schools, would likely not have any athletic or other extra-curricular activities.
- ▶ Would this be attractive to families considering moving to Beaver Island?
- ▶ Essentially, would be paying higher taxes that would be exported off-island and have diminished school programming.

Looking to the Future...

- ▶ BICS is an important part of the Beaver Island community.
- ▶ Schools are valuable. As with all things of value, they have a cost.
- ▶ Board is working to contain costs...cut over \$100K in 2018-2019 budget.
- ▶ Board recently created a dedicated capital improvement fund to take care of building and grounds in lieu of passing a sinking fund.
- ▶ We want to ensure that the school is a point of pride for ALL Islanders:
 - ▶ Excellent academics that prepare students for college or career
 - ▶ Varied extra-curricular activities
 - ▶ Meaningful off-island experiences for students
 - ▶ Foster partnerships with other entities to add value to students' experience
 - ▶ Unite the entire island community