



2023 Community Park, Recreation, Open Space and Greenways Plan

Charter Township of Elmwood



Community Recreation Plan – Elmwood Charter Township 2023

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CHARTER TOWNSHIP OF ELMWOOD
LEELANAU COUNTY
RESOLUTION #__ OF 2022
RESOLUTION OF ADOPTION
COMMUNITY PARK, RECREATION, OPEN SPACE, & GREENWAY PLAN AMENDMENT

At a regular meeting of the Board of the Charter Township of Elmwood, held in the Township Hall in the Township of Elmwood, County of Leelanau, Michigan, on the **xxxth** day of **xxx**, 2023, there were

PRESENT:

ABSENT:

The following resolution was offered by _____, and supported by _____.

WHEREAS, the Charter Township of Elmwood has undertaken an update of the *Five Year – Parks, Recreation, Open Space & Greenways Plan* (Recreation Plan) which provides an inventory of existing recreation facilities, prospective public facilities, and an action program to be taken for improvement and maintenance of recreation facilities during the period between 2023 and 2027, and

WHEREAS, several public comment and input sessions were held as noted in the appendix of the subject Recreation Plan, which allowed opinions to be expressed, discussion of opportunities and challenges, questions to be asked and discussed on all aspects of the Parks and Recreation Plan, and

WHEREAS, the Charter Township of Elmwood has developed a plan concurrent with the needs and desires of its citizens, designed to benefit the entire community, and

WHEREAS, said Recreation Plan was presented at public hearing,

NOW, THEREFORE BE IT RESOLVED the Charter Township of Elmwood Board hereby adopts the above stated Parks and Recreation Plan as a guideline for improving future recreation efforts for the residents of Elmwood Township.

YES:

NO:

ABSTAIN:

RESOLUTION DECLARED ADOPTED

CHARTER TOWNSHIP OF ELMWOOD

By: _____
Jeff Shaw, Supervisor

I, the undersigned, the Clerk of the Charter Township of Elmwood, Leelanau County, Michigan, do hereby certify that the foregoing is a true and complete copy of certain proceedings taken by the Elmwood Charter Township Board of said municipality at its regular meeting held on **xxxx, xx, 2023**, relative to adoption of the resolution therein set forth; that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act,

Dated:

Connie Preston, Clerk

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Contents

Community Recreation Plan – Elmwood Charter Township 2023.....	1
Introduction and Planning Process	6
Section 1 – Community Description.....	7
Section 2 –Administrative Structure	12
Section 3 – Recreation and Resource Inventories	15
Section 4 – Description of the Public Input Process	28
Section 5 – Goals and Objectives	37
Section 6 – Action Program.....	41
Appendices.....	43
1 - Mapping	43
Elmwood Township Recreation Inventory.....	43
Leelanau County and Grand Traverse County Recreation Plans	44
Road Network Map.....	45
Land Use Cover Map	45
Wetlands.....	45
Zoning.....	45
Future Land Use Map (Master Plan (2018)).....	45
2 - Greilickville Harbor Park Plan.....	46
3 - Elmwood Township Marina	47
4 - Cherry Bend Community Park.....	48
Site Plan from 2018 Parks and Recreation Plan (GFA).....	48
5 - DeYoung Natural Area	49
Facility / Trail Map	49
Leelanau Ticker 12/30/2020	50
Leelanau Ticker Farmhouse Restoration Article (10/1/2019).....	52
Management Plan (Excerpts).....	57
6 - Greilickville Subarea Plans	58
7 – Leelanau Enterprise MDOT Improvements Article (12/16/2021).....	59
8 – Public Input, Notices, Meetings, and Hearings Relative to Marina Plan and Parks Amendment (2017).....	60
9 – Public Input, Notices, Meetings and Hearings Relative to 2023 Parks Plan	61
Notice of Survey and Copy of Survey.....	61

2023 5-Year Parks and Recreation Plan Survey Mailing, Notice, and Copy of Survey 61

2023 5-Year Parks and Recreation Plan Update – Public Input Session Agenda (August 10, 2022) .. 65

2023 5-Year Parks and Recreation Plan Update – Public Input Session Poster Boards..... 66

Parks and Recreation Committee Recommendation for Consideration of 5-Year Parks and Recreation Plan Update - Meeting Minutes (October 25, 2022)..... 67

Township Board Recommendation for Public Hearing for 5-Year Parks and Recreation Plan Update - Meeting Minutes (November 14, 2022) 67

5-Year Parks and Recreation Plan Update – Notice of Plan Availability (TBD) 67

5-Year Parks and Recreation Plan Update – Notice of Public Hearing (TBD) 67

Township Board Public Hearing and Plan Adoption - Meeting Minutes and Resolution (TBD) 67

Adopted Plan Transmittal to County and Regional Planning Agencies (TBD) 67

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Introduction and Planning Process

This document, the Elmwood Township Community *5-Year Park, Recreation, Open Space, and Greenway Plan*, represents the Township's vision pursuant to future recreational planning and development efforts. The plan is divided into six sections as follows:

Section 1 – Community Description: This section describes the Township's character and provides information on geographic location, adjacent communities, land use, demographics and how they relate to the goals and objectives stated in this plan.

Section 2 – Administrative Structure: This section provides information on the administration of recreational programs within the Township.

Section 3 – Recreation Facilities and Resource Inventories: This section provides detail on the Township's existing recreational facilities and helps to identify and evaluate open space areas for their potential for acquisition to provide natural resource protection and public access. This inventory also includes an assessment regarding accessibility to the Township's facilities for people with disabilities.

Section 4 – Description of the Public Input Process: Describes how public input was gathered and used in developing the Goals and Objectives as well as ranking recreational projects.

Section 5 – Goals and Objectives: Using the findings of the Public Input Process, a series of proposed recreational goals and objectives were developed. These goals and objectives incorporated the demographics and natural features and were used in developing the Action Program.

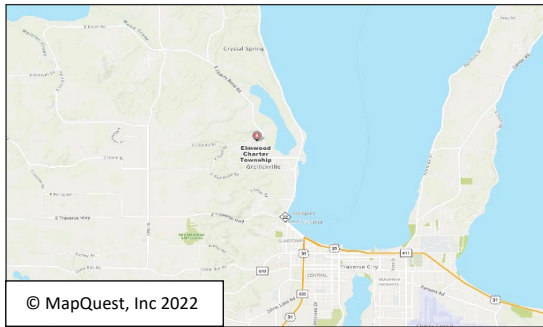
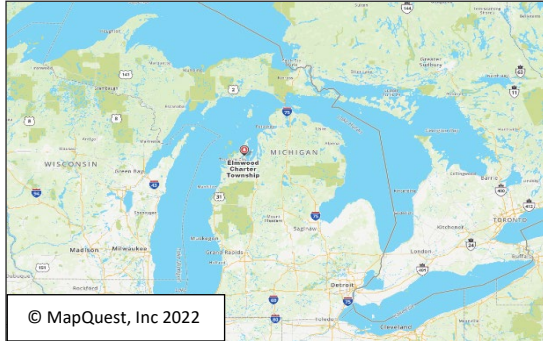
Section 6 – Action Program: This section contains a description of recreational improvements, sources from which the community may obtain additional funding, and specific projects derived from Goals and Objectives.

The Plan is prepared with a focus on the next five years of recreation programs, activities, and improvements within Elmwood Township. Like other plans, this plan may be reviewed annually to ensure it remains consistent with the ever-changing needs of its residents as well as working with neighboring community and regional recreation resources and goals. If there are significant changes in content prior to the expiration date of the plan, the Parks & Recreation Committee may recommend to the Township Board that it be amended. To do this, a public process and hearing is required. It is worth noting that amending the Parks and Recreation Plan will not extend the five-year life of the plan.

Section 1 – Community Description

Location

Elmwood Charter Township is in Leelanau County, Michigan. The Township is just north of Grand Traverse County, and is bounded on the east by the West Arm of Grand Traverse Bay and on the northwest by southern Lake Leelanau.



Transportation

Regional Linkage – Elmwood Township shares its border with two major State of Michigan Highway corridors: the M-22 corridor which runs north and south along its eastern boundary, and the M-72 corridor which runs east and west along its southern boundary. M-22 is a designated **Scenic Heritage Route** that runs from Traverse City north to Northport, and then south and west along the Lake Michigan shoreline to Empire. The M-22 Corridor, located in the southernmost portion of the Township, contains the only commercially-zoned area. This area is commonly referred to as the Greilickville Commercial Corridor, or Greilickville. Rich in history, Greilickville serves as the unofficial “Gateway” to the Leelanau Peninsula. In 2016, the Township initiated a M-22/Greilickville Commercial Corridor Traffic Study which was completed by Progressive AE. This study indicates that this area experiences average daily traffic (ADT) between 12,000-25,000 vehicles on a weekday with significantly higher volumes during peak and festival periods. This report is available on the Township’s webpage (www.elmwoodmi.gov), on the ‘Ordinances and Plans’ page.

M-72 is the main east-west corridor providing access from the Village of Empire (the western point) through Traverse City and east to Interstate 75. This is a principal route taken by thousands of travelers and tourists each year who are venturing to Michigan’s **Sleeping Bear Dunes National Lakeshore** which is located a mere 20 miles west of Elmwood Township.

Finally, US-31 and M-37 intersect M-72 just east of Elmwood Township in Traverse City and provide access southwest to Interlochen and south to Cadillac and the Grand Rapids area ([See Appendix 1 - Road Network Map](#)).

Township Street System – Internally, the Township is comprised of a system of public and private roads serving farmsteads, commercial operations, and numerous residential areas. This road system offers connections to the Township’s local parks and recreational facilities. Public road maintenance and plowing is provided by the Leelanau County Road Commission (LCRC) while private roads are, or should be, maintained by the property owners.

Non-Motorized Transportation – The former Leelanau Transit Railroad corridor, which has been converted into the Leelanau Trail, provides non-motorized access 15 miles north and south through the Township from Traverse City to Suttons Bay. The Leelanau Trail is one segment of the greater Traverse Area Recreational and Transportation System (TART) that provides regional connections for non-motorized commuting and recreation year-round.

Land Use and Planning Efforts

Much of the Township is considered rural with rolling hills heavily sprinkled with farms, orchards, and woodlands. However, the Township also has the largest population of any municipality in Leelanau County and is located *just* north of Traverse City. M-72 north to Cherry Bend Road and portions of Cherry Bend Road contain high-density commercial and medium-density residential developments. The Timberlee Resort area and the M-22 corridor north of Cherry Bend Road also contain medium-density residential developments. ([See Appendix 1 - Land Use Land Cover Map](#)).

Beginning in 2008, the Greilickville subarea portion of the M-22 corridor from M-72 to Cherry Bend Road was the subject of extensive evaluation by the Township with the help of private consultants. The principal objectives of this evaluation have been to create a more pedestrian friendly corridor; to determine possible public parking site opportunities; and to discuss possible future redevelopment opportunities with corridor landowners and business people. In early 2010, the Township established the Greilickville Commercial Corridor Task Force, whose membership includes corridor stakeholders and county and state transportation officials, to build upon previous master planning efforts that occurred between 2004 and 2008.

In August 2010, Greilickville Harbor Park was redeveloped using design concepts and features intended to enhance the visibility of the Township’s growing recreational facilities, to slow traffic in the corridor, and to provide safe on-street crossings to and from the park and the adjacent marina areas. In late 2011, the Township received a planning grant from the Northwest Michigan Council of Governments to develop a Greilickville Commercial Corridor Sub-Area Master Plan to advance subsequent corridor planning efforts and to create a cohesive long-range strategic plan aimed at someday converting the entire 1-mile commercial corridor into a distinct future destination area. In mid-late 2012 additional Township planning initiatives resulted in the purchase of a large portion of the former Brewery Creek site condominium project (dissolved in 2021) located across the street (M-22) from Greilickville Harbor Park and the Elmwood Township Marina for a future natural area with educational focus; a \$45,000 grant from the Great Lakes Fishery Trust to design a proposed public fishing pier at Greilickville Harbor Park, and a \$35,000 grant from the Michigan Department of Natural Resources Waterways Commission to develop a phased-funding proposal aimed at modernizing the facilities at the Elmwood Township Marina; the Township contracted with GFA and SmithGroup JJR to create the marina phasing plan. This plan was adopted by the Elmwood Township Board in January 2017 and is incorporated into the previous (and current) Elmwood Township Parks and Recreation Plan.

The Township has since received multiple grants for various phases of its marina phasing plan. In 2017, the Township obtained \$601,095 from the MDNR (\$601,095 Township funds) for Phase I which included a new harbormaster building with public bath, reconfiguration of the North entrance, ramps, and North parking lot at the marina. In 2018, the Township obtained \$348,711 from the MDNR (\$348,711 Township funds) for Phase II which included revised work/placement of the harbormaster building, reconfiguration of the South entrance, South parking area along with stormwater and landscaping in the areas disrupted during reconstruction. In 2018, the Township also received \$99,660 from the Great Lakes Fisheries Trust (\$99,660

Township) for a fish cleaning station. In 2019, the Township obtained \$118,500 from the MDNR (\$118,500 Township funds) for design and engineering for the Boater’s Facility. Due to changes in funding requirements, Phase III was split into three additional phases. Phase 3a was funded in 2021 (\$378,000 State/\$409,500 Township) for the removal of 3 existing buildings, the vertical extension of the existing seawall to keep site above the record high water levels, and additional seawall construction at the south end of the site to provide erosion protection to the proposed Boater’s Facility building. Phase 3b was funded in 2022 (\$600,000 State/\$2,000,000 Township) includes construction of a 4,186 sq ft Boater’s Facility. In February 2023, the Township will apply for Phase 3c which will include the reconfiguration of the site layout, new utilities to the Boater’s Facility, stormwater management, pedestrian walkways, and various site amenities (bike racks, outdoor seating benches and seat walls, gas fire pits, and tree shaded patios for additional gathering spaces).

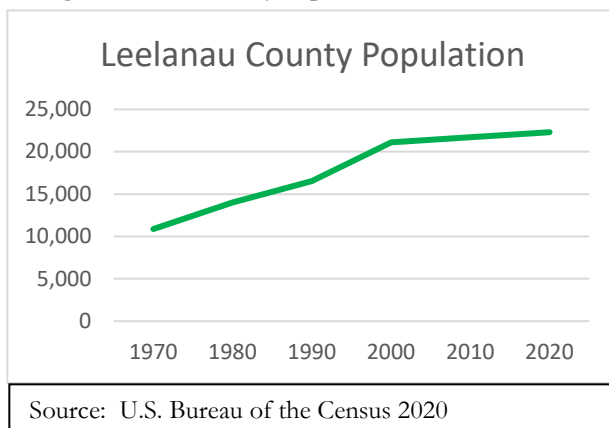
After taking a few years hiatus, the Greilickville Commercial Corridor Task Force was reconvened in 2022 to begin discussion on MDOT’s plan which will revitalize the corridor. MDOT’s plans, announced in 2021, total approximately \$9 million in work to M-22 from M-72 to E Cherry Bend Road. These plans call for a 10-foot multiuse path on the east side of M-22, curb and gutter, and repaving. The improvements are slated to begin in 2025 and will likely revitalize the corridor. It is worth noting that MDOT is also planning other regional projects which according to MDOT’s Dan Wagner, would allow a pedestrian the ability to go from Cherry Bend Road, to the east of the Boardman River, to the east of the Front Street intersection ([See Appendix 6 – Leelanau Enterprise MDOT Improvement Article](#)). These plans align with past and current goals of the Township to provide for safe access for pedestrians between facilities.



Figure 1: MDOT Future Regional Projects. Source: Leelanau Enterprise.

Population

Unsurprisingly, Leelanau County’s population continues to grow. The County reported a 2.7% increase in population from 2010-2020. Proximity to Traverse City has likely influenced much of this growth. It is worth mentioning that the growth the County has seen remains consistent as there was also a 2.8% increase in population between 2000-2010. Elmwood Township has the highest number of residents in Leelanau County, followed by Suttons Bay Township.



Over the past forty years, Elmwood Township’s absolute population growth increased by 1,888 people, which equates to a 63% increase in population in just four decades(!). More recently, when compared with the 2010 census, Elmwood Township’s population increased by 8.64%. As the population grows and changes in demographic make-up, it is natural that recreational needs will evolve as well. It is important to

monitor these changes so that modifications and upgrades to recreational facilities serve current and projected populations, demographics and trends as closely as possible. Generally, many park facilities still fall short in the United States in connecting with the user-base population. Many facilities are either under-managed, outdated, or in some cases do not provide well for the demographic characteristics of the local population user base such as senior living centers, youth facilities, or nearby concentration of family households. Facilities ignore the what, where, and how of recreation and provide stagnant, underutilized amenities. Currently, planning, design and physical upgrades to recreational facilities is occurring to serve better a broader recreational user base in Elmwood Township, Michigan.

Elmwood Township Population Trends 1950 – 2020								
Year	1950	1960	1970	1980	1990	2000	2010	2020
Population	1,184	1,687	2,240	3,004	3,427	4,264	4,503	4,892
Percent change over 10 years	n/a	42.48%	32.78%	34.11%	14.08%	24.42%	5.61%	8.64%

Source: U.S. Bureau of the Census 2020

In Elmwood Township, and the Grand Traverse Bay region, substantial attention has been made to the relationship and geographic placement of most public parks, and making access to them easier. The evolution of the regional TART and Leelanau Trail systems has seen growing utilization over the past decade as the network has grown and more people have chosen to engage with it. With the multi-modal mobility of park-goers, and the availability of technology to assist in connecting potential park users with appropriate and adequate park facilities, the design and maintenance of park facilities and amenities in a geographic area has more tools available to it. Thus, Elmwood Township’s recreation system hopes in future years to enhance physical trail link connections and to provide technology-based resources so that the populous can gain greater access regarding what is available, where, and when. Recreation planning is about educating and encouraging use of facilities, and creating healthier living opportunities for as many people as possible.

Parks and outdoor areas enhance the quality of life for all generations. Thus, it is important to protect, preserve, and enhance recreation facilities in Elmwood Township. According to the 2020 census, Elmwood Township’s population is growing and aging, and this demographic shift will likely impact the future growth and development of parks, as well as the amenities and improvements targeted for township facilities. There is an increased demand for diverse and intergenerational leisure activities, and with the economic challenges facing everyone these days, recreating locally and regionally is increasingly becoming an attractive and necessary option.

As in many other communities throughout the county, the senior population within Elmwood Township continues to grow. Since the 2010 census, the Township’s 65 to 74 age group increased by 32%. This group consists of primarily retirees, who typically enjoy single or small group passive recreational activities such as walking, golfing, kayaking, and boating. Retirees also enjoy social spaces for connecting with friends and family, and generally seek them out close to where they live. To best facilitate recreation for this age group, as well as for people older than 75 (whose numbers also increased by 10% since the 2010 census), facilities should be barrier-free to the maximum extent possible in order to promote ease of mobility and use. As an example, Greilickville Harbor Park was designed specifically to provide total “Universal Accessibility” so that all or most of the park’s resources could be available and used by persons of all demographics, ages, and ability levels, including those who might be visually or physically impaired.

The 45 to 59 age group consists of the mid-career workforce and early retirees. In Elmwood Township, it comprises 25% of the total population. This age group enjoys family-oriented recreational amenities such as multi-purpose parks, designated hiking trails, family and community gathering areas, and time spent pursuing both active and passive leisure time and recreation options.

Because the largest age group in Elmwood Township is older than 45, it is important to combine outdoor recreation with consideration for the rising cost of healthcare. Providing a wide variety of active recreational opportunities for this age group will benefit the overall goal of encouraging proactive health maintenance. Most people in this age group understand the importance of preventative healthcare, and recognize that exercise is a key component for a healthy, balanced lifestyle for them and their families. Staying active promotes physical and mental health, which in turn oftentimes correlates to reduced healthcare costs overall. Thus, there is an increasing demand within society for outdoor recreation facilities featuring walking trails, bike trails, and spaces where outdoor activity groups can meet.

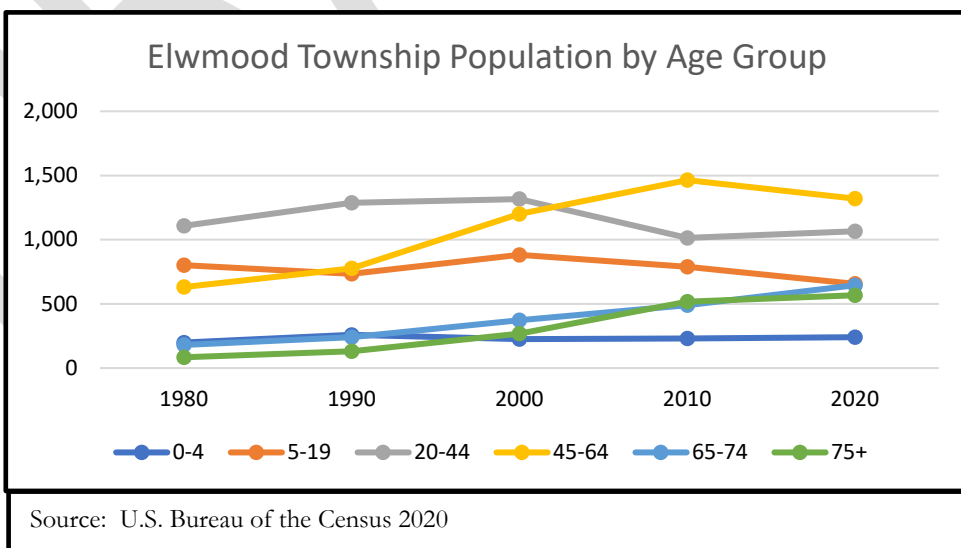
The age group between 25 and 44 is a group that is comprised of adults in the workforce and those usually beginning a family. In Elmwood Township, this age group comprises 21% of the total population, which is an increase of 11% when compared to the 2010 census. These individuals enjoy family-oriented activities, passive recreation such as jogging and walking on trails, and more active recreation opportunities involving team and “pick-up” group sports such as softball, volleyball, basketball, and soccer, as well as other popular individual and small group activities such as in-line skating, disk golf, kayaking, sailing, para-sailing, tennis and golf.

The number of individuals between the ages of 10 and 19 decreased by 18% in Elmwood Township since the 2010 census, and comprises the teenage/young adult age group. This may be due to people having smaller families, and therefore fewer children. Here, as with the under 10 age group which also decreased 5% since the 2010 census, the primary focus is providing outdoor recreation opportunities such as playgrounds, swimming areas, walking and biking trails, and athletic fields where both organized and pickup sports games can be enjoyed safely and conveniently. A major attraction of Leelanau County is the natural beauty of the region. Outdoor activities are family-oriented and provide abundant opportunities from one’s daily routine.

Elmwood Township, like many other northwestern Michigan communities, has a mostly white population. The U.S. Census reported that 96.1% of the total population is white, 2.3% of the total population is Black or African American, Asians, and American Indians or Alaska Native and 1.7% of the total population consists of two or more races.

Age Profile Elmwood Township		
Age Group	% of Twp Population (2022)	% Change from 2010
Under 5 years	5.4	5%
5 to 9 years	5.0	-14%
10 to 14 years	5.3	-11%
15 to 19 years	4.3	-25%
20 to 24 years	2.7	-25%
25 to 34 years	9.4	18%
35 to 44 years	11.6	6%
45 to 54 years	13.4	-16%
55 to 59 years	8.4	-5%
60 to 64 years	7.5	-3%
65 to 74 years	14.4	32%
+ 75 years	12.6	10%

Source: U.S. Bureau of the Census 2020

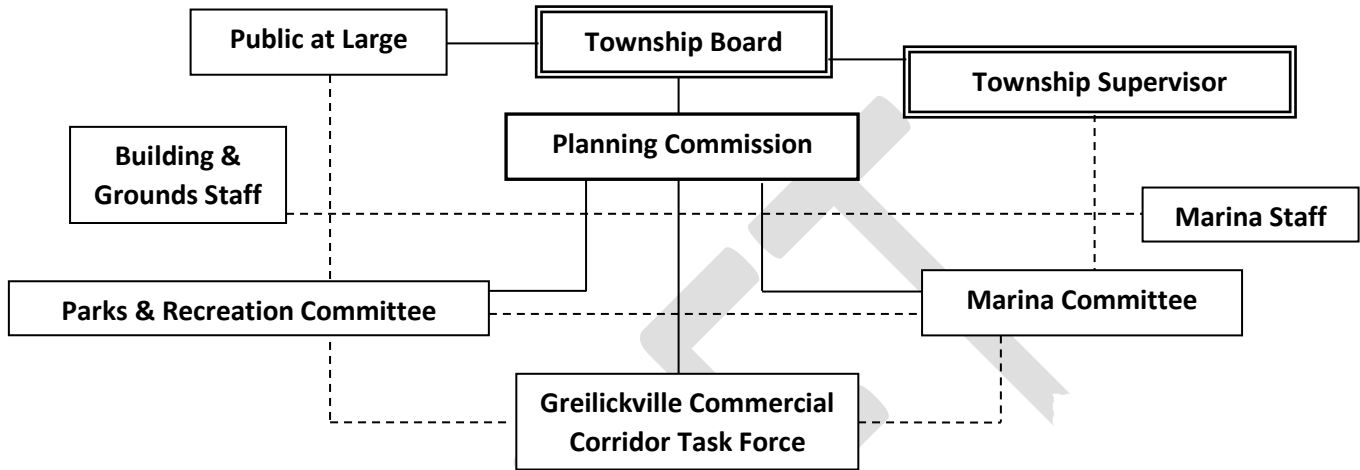


Overall, in 2020 there were a total of 1,832 households in Elmwood Township. Of that total, there are 1,301 family households, and 401 households with children under the age of 18. Housing with children under 18 represented 26.4% of the housing population.

Section 2 –Administrative Structure

Township Administrative Structure

Planning and administration of recreational programs and facilities are derived from the interaction and cooperation of the following entities, with the public engaged at all levels:



Elmwood Township Board (elected): The Elmwood Township Board sets the fiscal budgets for the Township, approves contracts, and works with Township Staff to set policy. In doing so, it typically considers recommendations from the Planning Commission, Parks and Recreation Committee, and the Marina Committee. This legislative body includes a Supervisor, Clerk, Treasurer, and four Trustees.

Elmwood Township Planning Commission (PC) (appointed): Planning Commission members have the responsibility for interpreting, updating, administering, and amending the Township Master Plan and the Township Zoning Ordinance. At times, its members also at times receive and act upon recommendations and initiatives generated by the Parks and Recreation Committee, the Marina Committee, the Greilickville Commercial Corridor Task Force, and other Township Staff. The Planning Commission also recommends approval of the Township’s annual Capital Improvement Plan (proposed expenditures over \$10,000) to the Township Board.

Parks & Recreation Committee (appointed): The Parks and Recreation Committee works with the Marina Committee and private consultants (as needed) on recreational project planning and design, and forwards its recommendations to the Township Board, or Planning Commission (as needed). The Committee also reviews and researches initiatives requested by the Township Board. Most of the Committee’s efforts center around Greilickville Harbor Park or Cherry Bend Community Park. Park operation and maintenance duties are overseen and conducted by Township Building and Grounds staff, with assistance provided by marina staff at Greilickville Harbor Park as the park and marina are located immediately adjacent to one another

Marina Committee (appointed): The Marina Committee works with marina staff, marina users, and Parks & Recreation Committee members (as needed), and private consultants (as needed) on marina planning design and improvements. Like the Parks and Recreation Committee, the Marina Committee its recommendations to the Township Board, or Planning Commission (as needed). The Marina Committee also reviews and researches initiatives requested by the Township Board. Initiatives undertaken in recent years include development of a Marina Master Plan aimed at future infrastructure improvements, an Infrastructure and Improvements Phasing Plan, the design of a proposed public fishing pier at Greilickville Harbor Park, and

working with the Grand Traverse Area Sport Fishing Association to locate a state-of-the art fish cleaning station at the Marina. Marina operation and maintenance duties are generally conducted by marina staff under the direct supervision of the Township Harbormaster, with assistance and support provided by Building and Grounds staff as needed.

Greilickville Commercial Corridor Task Force (state and local transportation officials, corridor property owners and tenants, and the public-at-large): Formed in 2010, its primary focus has been and continues to be seeking safe and efficient pedestrian and non-motorized access across M-22 and encouraging greater interconnectivity between TART, Elmwood Township's waterfront, and current/ future corridor property owners and tenants. This Task Force underwent a brief hiatus, but was reconvened in 2022, with a primary focus to discuss MDOT's enhancements along M-22.

The Public at Large: The Township Board, the Planning Commission, the Parks and Recreation Committee, and the Marina Committee all periodically seek input from residents on recreational matters. Public input is routinely sought during regular and special posted public meetings, open houses, and public hearings. Additionally, every five years the Parks and Recreation Committee conducts public input sessions to engage residents and users of township recreational facilities in updating the Community Park, Recreation, Open Space and Greenways Plan.

Program Funding and Maintenance

Township Budget.

Parks and Recreation is a department within the General Fund that has an annual budget approved by the Township Board. Departments make recommendations to the Supervisor, who submits a proposed budget to the board for public hearing and approval. Typically, only operations are budgeted unless a major repair or improvement is planned or identified, so it is important to plan well in advance.

Funding.

With regard to Elmwood's municipal marina, the Township has previously determined that marina revenue generated from the non-grant-in-aid slippage can be used at the Township Boards' discretion for selected park and other important township improvements subject to a case-by-case evaluation as to need. It is always recommended that a significant portion of marina-generated revenues be retained and used for future marina site improvements and repairs. Additional sources of possible future development and acquisition funding include the Michigan Natural Resources Trust Fund, the Michigan Natural Resources Waterways Commission, the Great Lakes Fishery Trust, and the Michigan Department of Environmental Quality Coastal Zone Management program. The [Action Program in Section 6](#) outlines estimated costs and sources of current and possible additional funding currently envisioned for proposed future recreational improvements over the next 5 years.

Maintenance / In-Kind Services.

Currently, the Township provides staff that maintains the current facilities; however, in-kind services are sometimes also provided, such as the tree-planting sponsored by Global Relief of Michigan that occurred at Greilickville Harbor Park in 2010, and ongoing water quality monitoring services that have been provided by the Watershed Center of Grand Traverse Bay in recent years. With the renovation and rededication of Greilickville Harbor Park (formally the Elmwood Beach park) in 2010, and numerous improvements including picnic pavilions, plumbed restrooms, and site amenities, the Township has utilized a combination of summer marina staff and Township Buildings and Grounds Department staff to provide regular operational and maintenance activities. These activities include daily upkeep and cleaning of site walkways, parking areas, furniture, play areas, lawns, beach pavilions, restrooms, trash removal, beach grooming, and lawn mowing.

Volunteerism.

In past years, the Township Parks and Recreation committee has encouraged a Harbor Park Clean-up day in late April of each year to assist staff in the numerous start-up tasks necessary to open the park. This includes but is not limited to cleaning debris and errant trash from the adjacent creek corridors and swimming beach, setting up and cleaning pavilion and site furniture, and helping to remove/manage invasive species in the creek corridors and shoreline. The Township would like to reinstate this volunteer opportunity and plan on working to provide similar opportunities in the future.

The Watershed Center monitors creeks and conducts cleanups along the creek corridors and beach. As mentioned previously, in 2011 the Watershed Center also began a beach monitoring program at Greilickville Harbor Park's public beach. The Friends of the Leelanau Trail help maintain and improve portions of the trail that runs through the Township. The Leelanau Conservancy provides volunteer assistance in managing the DeYoung Natural Area that was dedicated in 2010. Other noteworthy volunteer efforts include the 2010 Arbor Day Brewery Creek Corridor Restoration, the August 2010 construction of the Carter's Kids Playground at Greilickville Harbor Park, and ongoing annual maintenance of the Traverse City League ball diamonds at Cherry Bend Community Park. In late summer 2022, the nonprofit Mission Blues donated a lifejacket lending library which was placed at the Greilickville Harbor Park to encourage children to utilize lifejackets while swimming.



Life Jacket Library at Greilickville Harbor Park

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Section 3 – Recreation and Resource Inventories

The following information contains an inventory of existing recreational facilities within Elmwood Township. The information was collected by updating the adopted *2018 Parks, Recreation, Open Space and Greenways Plan*, input from Township Staff and the general public, as well as available maps. Each site was visited and inspected during the summer and fall of 2022 to update inventory and to reevaluate for barrier-free compliance; this review utilizes the DNR Accessibility Grading System for Parks and Recreation Facilities.

DNR Accessibility Grading System for Parks and Recreation Facilities	
Accessibility Grade	Definition
1	None of the facilities meet accessibility guidelines
2	Some facilities meet accessibility guidelines
3	Most facilities meet accessibility guidelines
4	The entire park meets accessibility guidelines
5	The entire park was developed using the principles of universal design

This information has been divided into the categories of (A) Public/Semi-Public, (B) Private Facilities, and Prospective Facilities (*See Appendix-1 for Elmwood Township Recreation Inventory Map*). Public Facilities are those owned and operated by the Township or some other public entity. Private facilities refer to recreational uses privately owned and operated, the use of which typically requires payment of a fee or service charge. Prospective Facilities included in this plan were suggested by members of the public during the Public Information Session and/or within the Survey.

PUBLIC/SEMI-PUBLIC FACILITIES OWNED OR OPERATED BY TOWNSHIP

A1. Greilickville Harbor Park

Park Type: Public Beach

Size: (3 acres)

Most Likely Service Area: Regional, State, and National user-base

Grant (Year) / Grant Project / Funds awarded and total project budget):

MDEQ Coastal Zone Management (2004) / Greilickville Subarea Plan: \$15,000/\$30,000

MDNR Natural Resources Trust Fund (2007) (#TF 07-095)/Greilickville Harbor Park redevelopment: \$210,000/\$775,000

Kellogg Foundation (2007-2009) for Greilickville Harbor Park Universal Access: \$328,000/\$775,000

Rotary Charities of TC (2010) / Extend utilities to future second restroom at Greilickville Harbor Park: \$30,000/\$110,000

Global Re-Leaf of Michigan (2010) / Brewery Creek Tree Planting and Restoration: \$3000/\$8000;

Schmuckel Family and Shaw Family Foundations (2010) / Construct Carter’s Kid’s Playground / \$40,000/\$40,000

Rotary Charities of TC (2011) / Construction second restroom facility at Greilickville Harbor Park: \$38,500/\$77,000.

Greilickville Harbor Park is located along Lake Michigan (West Grand Traverse Bay). The park and beach areas offer spectacular views panning the Old Mission Peninsula, Power (Marion) Island, and Traverse City. The site is located within the Greilickville Corridor and is surrounded by mixed-use developments including the Discovery Center ~ Great Lakes complex, and the Traverse City Light & Power (TCL&P) property. Discovery Center ~ Great Lakes’ constituent involvement and support were instrumental in helping design some of the amenities and acquire some of the grants that eventually became Greilickville Harbor Park.





Greilickville Harbor Park also plays an important role in the area’s natural resources. Brewery and Hawley Creeks are important tributaries and fisheries of the West Bay Shoreline Watershed that outlet through the park into West Bay. A large wetland complex “dammed” by M-22 provides habitat for many flora and fauna. The beach area also provides opportunities for picnicking and swimming.

Car-free users can access the park via a crosswalk at Brewery Creek Drive across M-22. Greilickville Harbor Park is also served by a bridge connection over Hawley

Creek to the southern abutting property as well as a bridge over Brewery Creek connecting the Park to the Township Marina to the north. The Park is also accessible by car and the park features a permeable-paver parking area.

Corridor improvements such as “streetscaping” and possible boulevard sections with safe “at-grade” crossings are initiatives that have been on the radar screen of Township planners and members of the Greilickville Commercial Corridor Task Force for several years. These improvements have also been formally incorporated into the Elmwood Township Marina Master Plan, the M-22 Waterfront District Framework Plan, and the Greilickville Commercial Corridor Sub-Area Master Plan. This improvement may finally come to fruition, as MDOT’s proposed improvements to M-22 from M-72 to Cherry Bend Road contains two crosswalks containing pedestrian refuge islands near the park. These crosswalks may be located in front of the Park just north of E Brewery Creek Lane as well as just south of the bridge connection between the Park and the Discovery Center.

Based on a series of grants written by Gosling Czubak Engineering Sciences, Inc. of Traverse City, Elmwood Township completed major improvements to Greilickville Harbor Park in 2009-10 (*see Appendix-2 As-built Plan*). In 2011, the Township was awarded an “outstanding Implementation” award by the Northwest Michigan Council of Governments (NWMCOG), which was a testimony to all the efforts made by so many people to *advance this 50 year old park forward for its next 50 years*.

Facility Inventory:

- Pavilion 1 - Brewery Creek Pavilion
 - 70’x30’ (80-100 persons)
 - Universal Access picnic tables (10)
 - Reservation rental \$100/4 hr block
 - Restrooms (2 family style)
 - Drinking fountain
 - Charcoal grills (3)
 - Bike racks (3)
- Pavilion 2 – Hawley Creek Pavilion
 - 24’x24’(32-40 persons)
 - Universal Access picnic tables (4)
 - Use is First come –first served
 - Restrooms (2 family style)
 - Charcoal grills (3)
 - Bike racks (3)
- Paved Car Parking (30 spaces)
- Permeable Paver Parking (30 spaces)
- Concrete Promenade
- Wood Boardwalk/Deck



- Wood/Pile Overlook Pier
- Permeable paver parking (30 spaces)
- LED Bollard Lights and Site Lights
- Outdoor Chess/Checkers Games tables (3)
- Park Benches
- Play Structure (Carter’s Kids Playground)
- Beach area (volley ball)
- Beach swing set
- Brewery and Hawley Creek pedestrian bridges
- Irrigated lawn – General purpose areas (Earthen mounds and play areas)
- Landscaping includes 200+ native trees/shrubs
- Drought resistant deep rooting fescue turf
- Emergent Coastal wetland-areas
- Native dune grass plantings
- Bio-swales and raingardens
- Shade trees, Evergreen trees
- Shrubs
- Ornamental Grasses and Hedges



At a “4,” the park is now universally accessible including park, beach, restrooms, and picnic shelters from the parking area; however, future access improvements are still possible with tiles or poured-in-place surfacing around the play structure and a transfer seat and/or universal access kayak launch at the beach.

A2. Elmwood Township Marina

Elmwood Township Marina is adjacent to Greilickville Harbor Park and has been a primary focus of the Township over the last decade with multiple improvements.

Under the same resolution to adopt the Beach Area Plan (now-called Greilickville Harbor Park which was completed in 2010), funding was made available to facilitate a preliminary concept plan for the Marina vicinity in 2007 and 2008. Subsequently, a Michigan Department of Natural Resources Waterways Commission Preliminary Engineering Study grant funded development of a follow-up concept for future marina land-based infrastructure improvements. The purpose was to create a fluid design concept that improved the access and function of the public waterfront on West Grand Traverse Bay in the heart of the Greilickville Commercial Corridor.

In 2008, the Preliminary Engineering Study was completed and a subsequent Grant-in-aid request of \$2.1 million was submitted with the intent to leverage the Township’s existing marina funds, including the \$300,000

allocated by the MDNR Waterways Commission for the addition of C-Dock. In 2010, the Township Marina Committee revisited the former marina



site plan concept by conducting a series of public input sessions and user surveys which helped them to evaluate three different conceptual overlays to the 2008 preliminary plan.

The conceptual overlays incorporated new and evolving elements that were desired by the growing number of marina users. This subsequent extensive public input process eventually culminated in using township marina funds to develop an Elmwood Township Marina Master Plan from the ten point “wish list” that the Marina Committee recommended and the Township Board approved. Key among the findings and outcomes of the Elmwood Marina Master Plan was the need to conduct a Traffic Study of the Greilickville Commercial Corridor to determine the best future entrance and exit locations for the marina; the acquisition of off-site parking to provide room for future on-site improvements and the necessity to develop a phased approach to future targeted infrastructure improvements for subsequent grant submittals to the MDNR Waterways Commission. These investigative needs were met by the development of a M-22/Greilickville Commercial Corridor Traffic Study completed in 2016 (Progressive AE) and the Elmwood Township Marina Master Phasing and Implementation Plan completed in 2017 by (GFA/JJR). All planning efforts incorporate a holistic approach to future development of the Elmwood Marina which currently functions as the primary West Grand Traverse Bay public boat launch and provides three dual sided launch ramps available for use by local, regional and in and out of state residents alike.



Park Type: Public Marina, Boat Launch

Size: (6 acres)

Most Likely Service Area: Regional, State user-base

Grant (Year) / Grant Project / Funds awarded and /total project budget):

MDNR Waterways Commission (2012) / Marina Phasing Plan (2017): \$35,000/\$70,000

MDNR Waterways Commission (2007) / Marina Preliminary Engineering Feasibility Study (2007): \$19,000/\$38,000

MDNR Waterways Boating Access (2008) / C- Dock 55 slip floating pier: \$300,000/ \$750,000

USEPA/MDEQ Clean Vessels Act (CVA) (2011) / Marina Sanitary Pump Out System: \$47, 000/\$56,000

Great Lakes Fishery Trust (GLFT) (2012) / Public Fishing Pier Design: \$45,000/ \$51,750

MDNR Waterways Commission Phased Marina Infrastructural Improvements Engineering Analysis (2012): \$35,000/ \$70,000

MDNR (2017) / Phase I (new harbormaster building with public bath, reconfiguration of the North entrance, ramps, and North parking lot at the marina) / \$601,095 /\$601,095

MDNR (2018) / Phase II (revised work/ placement of the harbormaster building, reconfiguration of the South entrance, South parking area along with stormwater and landscaping in the areas disrupted during reconstruction) / \$348,711/ \$348,711

Great Lakes Fisheries Trust (2018) / fish cleaning station / \$99,660/\$99,660

MDNR (2019) / design and engineering for the Boater’s Facility / \$118,500 / \$118,500

MDNR (2021) Phase 3a (removal of 3 existing buildings, the vertical extension of the existing seawall to keep site above the record high water levels, and additional seawall construction at the south end of the site to provide erosion protection to the proposed Boater’s Facility building) / \$378,000 / \$409,500

MDNR (2022) / Phase 3b (4,186 sq ft Boater’s Facility) / \$600,000 / \$2,000,000



General Inventory: (Marina)

- New Harbor Master Building and Offices (35' x 80')
- New Fish Cleaning Station (25' x 30')
- Old Harbor Master Building (15'x15')
- Storage and Restroom Building (20'x50')
- Shower Building (25'x30')
- Picnic Shelter (20'x25') was salvaged / relocated / and refurbished as part of the GHP park re-development process including:
 - picnic tables
 - gas grills
- Paved car parking (75 Spaces)
- Paved car-trailer parking (70 Spaces)
- Boat launches (7)
 - (1) Personal Watercraft
 - (6) Boat
- Mooring buoys (32seasonal)
- Pump-out Station x2
- Piers (3)
 - C-Dock added in 2009 (55 slips)
 - (176) Slips; (150) (154) Seasonal; 21 transient)
(Note – The township gains revenue from adjacent Center Pointe main pier leases which utilize Township-owned bottomlands).
- Dumpster with pad (1)
- 5' Concrete sidewalks for access to buildings
- Shade, Evergreen, and Ornamental trees
- Perennial and ornamental grass landscaping with irrigated lawn areas
- Elmwood marina offers winter storage and a unique opportunity to store mast-up sailing vessels and powerboats of all sizes with some exceeding 60'in length



The Marina recently scored “2” as some of its facilities meet accessibility guidelines. Whereas C-Dock is fully accessible, A Dock’s and B Dock’s gangways exceed barrier-free gradients. Most marina land-based facilities meet ADA, although some walkways and use areas are not barrier-free. Future land-based infrastructure improvements will increase accessible facilities and routes as this is an overarching goal for any future improvements of the facility.

Future upland improvements are sized to meet demands of the existing public boat launch and marina. The marina property is bordered on all sides, with finite space available. This plan is a multi-year phased plan, which resulted from nearly five years of marina committee meetings and dedicated public input meetings and workshops. While this plan is a guide, final sizing will be determined as each phase goes through final design. As with all proposed future improvements, sufficient input on facility sizing was gleaned from boat launch users, slipholders, facility managers, owner, design team and general public. Because this is an established marina, with a slip waiting list and a boat launch that is busy most of the season, the township is confident in

its knowledge of the marina's needs. The slipholder parking area was maximized to meet slipholder needs while attempting to retain as much boat launch trailer-rig parking as possible on site. In the off-season, this lot could also be used for other events or alternate season recreation. Since this facility's boat launch is very popular and site parking space is limited to property boundaries, overflow trailer-rig parking was determined necessary and the Township is examining using the Brewery Creek Parking Area as overflow parking ([See Appendix 1: Inventory Map](#)).

Additional future proposed improvements include a larger Boater's Building (funded, not yet constructed) which would serve much of the needs of the boat launch users, slipholders and visiting public as well as providing options for off-season non-boating use. The new building would have modern amenities typically found at marina facilities needed to accommodate short and extended-stay boaters (restrooms, showers, laundry, salon, storage etc.). This public promenade was sized to allow plenty of space for events and provide opportunities to connect public to the waterfront while allowing typical marina operation to be completed without interference.

Dredging needs within the harbor and around the marina are minimal to non-existent as the facility is protected on the north and west by land mass and on the east by breakwater. This configuration eliminates the possibility of any littoral drift and subsequent sedimentation in the harbor. Dredging at the facility last occurred in 2001 with a quantity of 970 Cubic Yards being removed from around the boat launch area. Dredge spoils from this effort were disposed of at Glen's Sanitary Landfill (ID# 418012, Location: 518 M-72 W., Empire, MI, Leelanau Co.) which is an active/accepting Type II MSW landfill. Beyond this, dredging may only be needed during abnormal extreme low water conditions. Standard marina maintenance applies throughout the season and is typical of a municipal marina of its size and user demand.

A3. Cherry Bend Community Park

Originally improved with Michigan Natural Resource Trust Fund (MNRTF) monies, Cherry Bend Community Park has become a premiere recreation complex for Elmwood Township and the surrounding Leelanau County. Along with (4) baseball diamonds, one of which is Little League tournament-compliant, a soccer field, basketball courts, and updated landscaping, the park offers a picnic pavilion. Cherry Bend Park targets the active recreation user base within the Township. The Township offices and Fire Department are also located onsite (which spans across three parcels).



Park Type: Recreational Park, Picnic Park, Township Offices

Size: 14.5 acres

Most Likely Service Area: Township user base

Grant Number: BF95037

Site Plan: [See Appendix-5](#)

Facility Inventory:

- Picnic Shelter w/ restrooms (1)
 - 34'x54'
- Restroom Facility
 - 24'x45' (including utility room)
- Paved car parking (131)
- Improved paved trail and/or sidewalk
- Soccer field (1) & programmable open space (a "over-kicked" net system was added in 2012)



- Play Structure
- Swings (8)
- Grills
- Horseshoe Pit (1)
- Baseball diamonds (2)
- Little League Premiere Field (1); Tournament field complete with block masonry dugouts, scorer's and maintenance equipment building. Completed in 2009-10 with the permission and financial support from Elmwood Township. Little League volunteers assist Township staff with maintenance and upkeep of all baseball fields.
- T-Ball diamond (1)
- Tennis Courts (2) with Pickleball Court
- Basketball Court with 6 goals/backboard (1)
- Sand Volleyball Court (1)
- Shade trees
- Evergreen trees



Upon completion of barrier-free compliance analysis, Cherry Bend Community Park scored “2.” Recent updates to the facility have provided restrooms and sidewalks. Existing parking and additional parking should be examined by the Township Engineer. Further, additional play features are needed to make the site more accessible to all.

A4. DeYoung Natural Area (conservation easement) – Established 2010

Park Type: Recreational Park, Nature Park, Conservation Easement, Limited Hunting

Size: 65 acres Elmwood Township, 79.5 acres Leelanau Conservancy

Most Likely Service Area: Township and Regional user base

Grant Number: TF#07-039

Facility/Trail Map: [See Appendix-6](#)



In cooperation with the Leelanau Conservancy using Michigan Natural Resource Trust Fund (MNRTF) dollars, DeYoung Natural Area has evolved into a popular passive recreation and natural area for Elmwood Township and surrounding Leelanau County residents since it was acquired in 2010. This natural area was formerly the 145-acre DeYoung Farm. Spanning the Natural Area, there are 2.5 acres of trails ([See Appendix 6](#)). The site features 4500 feet of natural, undeveloped shoreline along Cedar Lake, which offers a superb recreation component for the Township. The site is the only Township owned facility along Cedar Lake. It offers a natural, relatively undisturbed setting, providing an ideal location for hikers, naturalists, and wildlife and bird watchers. The historical and agricultural resources of the former DeYoung Farm also provide invaluable cultural assets for Elmwood Township, and preserving this agricultural landscape is expected to both enrich and educate future generations of residents and visitors.

The DeYoung Natural Area preservation and management has already had a positive impact on the surrounding natural features and landscape. The land (soils), water (quality), and native vegetation and wildlife



benefit from land preserved and now managed in cooperation with the Leelanau Conservancy. It provides native habitat for deer and is an essential wildlife corridor for many other native species. There has been regular invasive species management of the site. Further, in 2020, in conjunction with the Grand Traverse Band of Ottawa and Chippewa Indians, the Conservancy planted 5,000 native trees across the Chippewa Run Natural Area (in Empire) and DeYoung in an effort to reforest lands and mitigate climate change ([Leelanau Ticker, 12/30/2020](#)).

The 4,500 feet of natural shoreline along Cedar Lake possesses tremendous natural resource value for the public. The Natural Area provides undisturbed views to and from the native shoreline. The shoreline edge helps maintain the health of aquatic life, which is appreciated by recreational fisherman by means of a floating fishing pier. In addition, there are over 51 acres of wetlands along the lake and creek corridors of the DeYoung property. These wetland pockets provide not only essential habitat for many species of flora and fauna, but are also

critical in maintaining the high water quality of the tributary streams and ground water springs that supply Cedar Lake.

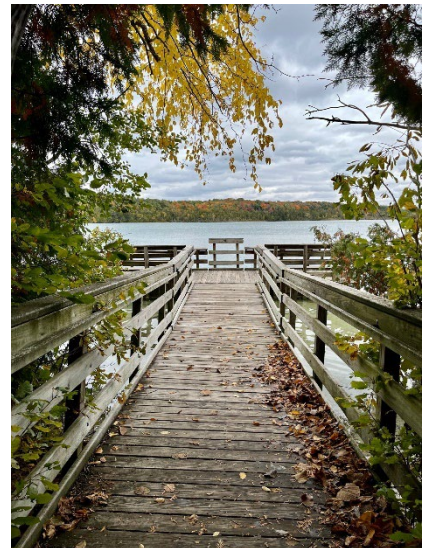
The DeYoung Natural Area also possesses mature hardwood pockets, old agricultural lands returning to natural meadows, and a healthy stream corridor, and portions of the Leelanau Trail pass through its western edge. The DeYoung Natural Area continues to embrace its agricultural heritage. In 2019, the Conservancy restored the former DeYoung Farmhouse which is located on the Conservancy portion of the property. The first floor of the Farmhouse is utilized as meeting space and the second floor is utilized as office space ([Leelanau Ticker, 10/1/2019](#)). All 145 acres of the DeYoung Natural Area are actively managed by the Leelanau Conservancy in conjunction with the DeYoung Natural Area Management Plan ([See Appendix 6 – DeYoung Natural Area](#)).

Facility Inventory: Township Portion (65 Ac.)

- Gravel Parking
- Interpretive Kiosk
- Universal Access Fishing Pier
- Cedar Lake Loop Hiking Trail
- Leelanau Bike Trail – TART bisects and property provides N-S access
- Wetlands
- Cedar Lake
- Cedar Lake chip path trail
- Northern Fen
- Edible Trails Project

Conservancy Portion (79.5 Ac.)

- Former DeYoung Farmhouse (restored 2019; meeting space on first floor, office on second floor)
- Main Barn and Out Buildings
- DeYoung Barn (east side Trailhead)
- Pump House
- Cedar Creek



- Deer Yard Habitat and Wildlife Corridor
- Wooded Uplands
- Actively managed Agricultural Land
- Fallow old Agricultural Land
- Northern Fen

DeYoung Natural Area is a more rustic facility with most paths being unpaved and natural. Several amenities do provide for barrier-free access such as the paved ADA parking spots and fishing pier with lowered railings. In an overall determination for the facility, the barrier-free compliance analysis scored “2” as only some of the facility and its amenities meet ADA guidelines.



A5. Brewery Creek Parking & Natural Area

In the summer of 2012, Elmwood Township acquired the remaining ten (10) of the original (13) site condominium units that were previously associated with the former Brewery Creek Center development that subsequently went through foreclosure. This site is located across M-22 from both the Elmwood Township Marina and Greilickville Harbor Park. As improvements of the marina reduced on-site parking facilities, the Township is looking at utilizing much of the area as overflow boat storage and trailer parking for the Marina. However, the western portion of the site also contains a Conservation Easement (Liber 533 Page 599). As this easement connects the Brewery Creek parcel to the TART Trail, the Township is eyeing creation of a built connection and has discussed parking and restroom facilities. However, as this site contains wetlands, any improvements will need to be thoroughly examined in order to reduce further impacts to the natural environment. Other considerations may include educational trails and signage throughout the naturalized area, walking trail connectors, pavilion, bike lockers and native pollinator gardens.

OTHER PUBLIC/SEMI-PUBLIC FACILITIES WITHIN TOWNSHIP BOUNDARIES

A6. Portions of Leelanau Trail (part of TART - Traverse Area Recreational Trail)

The non-motorized recreation and transportation trail known as the Leelanau Trail in Elmwood County and throughout Leelanau County is part of a greater system known as the Traverse Area Recreation and Transportation Trail, or TART System. As indicated earlier in this plan, the TART Trail within the Township offers non-motorized connections throughout Elmwood Township and connects Suttons Bay to Traverse City. Fifteen miles of trail are available from Suttons Bay to Traverse City. The Cherry Bend Trail Head provides parking, signage, and a portable restroom facility is onsite during the warmer months.



A7. Michigan Department of Natural Resources (MDNR) Cedar Lake Boat Launch

The MDNR boat launch is located on the southern end of Cedar Lake. The boat launch provides the only public access to Cedar Lake. One boat ramp and dock is available, along with limited car-trailer parking. There is also one portable restroom facility. Signage indicates that a Recreation Passport is required and no parking is allowed on the grass.



A8 & A9. Michigan Department of Transportation (MDOT) Roadside Parks

MDOT maintains two roadside parks along M-22, a scenic state road that runs along West Grand Traverse Bay. Both roadside parks are not well marked, but those who pull off are offered parking, limited picnic facilities, and gorgeous views of the bay. Although there is not much of a beach, there is a set of stairs that provides access to the water.



A10. Grand Traverse Regional Arts Campus (GTRAC) / Marina Overflow Parking

GTRAC (formerly Norris Elementary School/Grand Traverse Overall Supply) provides indoor space for creative arts groups to perform their work in a studio or classroom setting. This non-profit owned property also includes ample outdoor open space and parking areas. There are also trails onsite which may be further developed in the future. The site is only 0.3 mi from Elmwood Township Marina and has been utilized during Cherry Festival Week as marina overflow parking.

A11. Discovery Center & Pier **Background**

The mission of the Discovery Center is to connect people of all ages, needs, and abilities to the Great Lakes through recreation, education, science, history and stewardship. Historically, the Discovery Center provided space to water-related non-profits to run their operations and/or offer programming on its main campus on the west side of M-22 and on the Discovery Pier. Over the past three years, The Discovery Center expanded its role to more pro-actively engage with the community – bringing partners together (many new), leveraging their collective strengths, and creating opportunities and programs to provide recreational and educational experiences to the community and underprivileged youth. Their growing list of partners includes:

- Inland Seas Education Association (Inland Seas)
- Maritime Heritage Alliance (MHA)

- Northwestern Michigan College (NMC)
- The Great Lakes Children’s Museum
- The Watershed Center
 - Traverse Tall Ship Company, *Manitou*
- Great Lakes Navigation Company, *Discovery*
- Fish-X-TC
- Compass Rose Sailing Company, *Althea*

While our region is defined by the Great Lakes, access is inequitable. Financial and physical barriers unintentionally exclude large portions of our population and limit the use of our publicly owned natural resources to affluent, able-bodied people. Discovery Pier’s goal is to create a place where all people can come and enjoy the educational and recreational activities the Great Lakes have to offer regardless of financial means or physical ability. The Discovery Center provides free programs and recreational opportunities to underprivileged youth in partnership with their water-based business partners. The goal of the programs is to introduce kids – that wouldn’t otherwise have the opportunity – to different aspects of the Great Lakes through fun recreational experiences. Many of these youth come away inspired, and the Discovery Center creates pathways for these youth into programs offered by our nonprofit partners in areas that interest them, such as wooden boat building, navigation, and marine technology.

Discovery Pier Project

Efforts are underway to transform Traverse City’s old coal dock, renamed the “Discovery Pier”, into a barrier-free public park and a hub for nonprofit and educational entities to deliver their programming. In its current state, the Pier is used as a base for limited nonprofit educational programming and the public is welcome. The site, however, is an uninviting gravel lot and lacks land-based infrastructure for education and universal access for people with disabilities or special needs. Everyone deserves safe, dignified access to the Pier and our partners’ vessels.

In order to accomplish the Center’s vision, the Pier requires many significant upgrades including extensive infrastructure modifications to support new structures and recreational amenities including: an outdoor classroom/event pavilion; fishing shelters and picnic tables; barrier-free parking and sidewalks; new fishing railing along the east wall of the Pier (40% of which will be at a lower level for people in wheelchairs and children); green open space lawn, and an adaptive kayak launch and ramp. Investing in renovations to remove barriers and improve accessibility is integral to shaping Discovery Pier into a place-based community asset for all.

Main partners

Inland Seas Education Association (Inland Seas)

Inland Seas, provides educational programming to over 3,000 students a year from the Discovery Pier. These students come from all over the State of Michigan, northern Indiana and northern Ohio to become scientists for the day. Some programs focus on the ecology of the Great Lakes where students collect and analyze samples, including fish, plankton, and organisms that live along the bottom of the Bay from aboard a tall ship; others learn how to build and operate their own underwater remote operated vehicle (ROV). These hands-on experiences increase awareness of the Great Lakes, develop stewards, and inspire tomorrow’s scientists. The planned Pier improvements will provide Inland Seas with covered shore-based space for instruction when rain or more severe inclement weather occurs, space for before and after their time on the tall ships for instruction and will serve kids with disabilities with greater safety and dignity.

The Maritime Heritage Alliance (MHA)

The Maritime Heritage Alliance began as a group of friends with a passion for wooden boats and a will to preserve the heritage of boats unique to our local region. They acquired vessels that needed work and began to teach the skills they developed. In 1985 the fledgling organization built a replica of the Schooner, Madeline - an 1845 schooner with historical ties to the area. Now MHA has a small boat fleet, restoration shops, and a group of dedicated volunteers who are actively involved with sail training, crewing, and boat restorations. They welcome anyone in the community to join us in the shops, or on the water. Their shops

are always bustling with projects. MHA does all of its own maintenance as well as assisting the Discovery Pier and Collaborative with a variety of tasks.

Northwestern Michigan College (NMC)

Once Pier improvements are in place, NMC plans to use the lawn and seasonal pavilion to hold College for Kids and Community Extended Education classes. NMC's Water Studies Institute also wants to use the Pier and marina basin as an additional onshore site for their underwater ROV, marine mapping, and hydrographic surveying classes.

The Discovery Center and NMC's Water Studies Institute also develop programs focused on marine technology. The "Discovering Careers in Marine Technology" program introduces high school students to marine technology and career opportunities they can pursue through academic programs at NMC. Many local high school students are not aware of NMC's Marine Technology program even though it is nationally recognized. As a result, this program does not have many students from our region. Using remotely operated vehicles (ROVs) piloted by NMC's Marine Technology faculty and students, participants explore shipwrecks at the bottom of Grand Traverse Bay. Utilizing state of the art equipment, they are introduced to how these technologies are used in real world careers in the fields of fisheries, research, engineering, emergency services, law enforcement, and more. The Center hopes that some of these youth will come away from the experience inspired to explore careers in marine technology in our area or pursue additional education in marine technology with their partner, NMC

Great Lakes Children's Museum

The Children's Museum hosts almost 35,000 visitors annually. The site is located directly across from the Discovery Pier and just south and across M-22 from Greilickville Harbor Park.

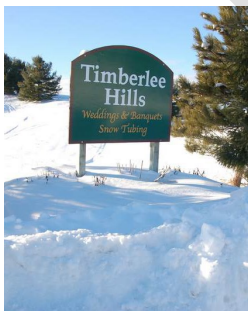
The Watershed Center (TWC) Grand Traverse Bay

The Watershed Center is a strong advocate for clean water in and around Grand Traverse Bay and is the recognized leader in protecting and preserving the Bay's watershed and achieving broad community commitment through storm water projects, education and advocacy. The center also assists local communities in obtaining grant funding to conduct many programs and projects that have had and will continue to have a direct positive effect on water quality and wildlife habitat in Elmwood Township and the Grand Traverse Region.

PRIVATE FACILITIES

B1. Timberlee Resort

The Timberlee Resort is located in the central and western portion of Elmwood Township. The resort, originally built as a winter recreation facility, no longer offers downhill skiing. However, Timberlee does offer a tubing run with a rope tow, and an indoor snack bar and warming facility that is also available for special events such as weddings, fundraisers, and private parties. During the summer months, Timberlee also offers disk golf. The resort has a tremendous potential for possible future hiking trails that would offer scenic vistas of West Grand Traverse Bay.



B2. Harbor West Marina

The privately-owned Marina, just north of Greilickville Harbor Park and the Elmwood Township Marina, provides a Marina Club with changing and restroom facilities, boat launch, and boat slips for members only. The Marina also offers fuel, restrooms, and a pump-out station for public boaters. On occasion, member boat slips open up when members travel on extended trips, and Harbor West provides these slips to the general public on a short-term lease basis.

B3. The Tall Ship Company

The Tall Ship Company, owner of the *Schooner Manitou*, operates out of the Discovery Center ~ Great Lakes complex immediately south of Greilickville Harbor Park. The Company offers sunset cruises with wine tasting and live music, 2-3 day overnight tours, and educational day tours. After its former lease ran out in late 2011, the Tall Ship Company and the Manitou secured a new long-term lease for a broadside tie-off outside the TCL&P/MHA coal dock harbor, setting the stage for historic sailing vessels operating in the Greilickville area to be located at the same facility.

B4. Grand Traverse Yacht Club

The Yacht Club of Grand Traverse offers a private setting for club members. The Club is located on West Grand Traverse Bay along the southern border of Elmwood Township. Along with Club meeting and social facilities, including a kitchen and bar, the Yacht Club offers a private boat launch and mooring buoys. Club members can also rent out the facilities for private parties and events.

B5. Center Pointe (Marina)

This magnificent commercial office provides business suites ranging in size from 158 square feet to well over 15,000 square feet. The building features a premier fourth floor wedding reception and catering hall, 62 floating or fixed boat slips with free cable access, private parking, shower facilities, and access to a full kitchen, fitness center, and private boaters room.

SCHOOLS

C1. Pathfinder School (Private)

Pathfinder School is a private facility set in a 22-acre wooded site along Cedar Lake and across the street from West Grand Traverse Bay. In addition to providing curriculum for grades Pre-Kindergarten through 8th, they also run a successful summer day camp program that utilizes their wooded campus, existing buildings and Cedar Lake waterfront.

PROSPECTIVE PUBLIC, SEMI-PUBLIC, AND/OR NGO FACILITIES

During the public input session and survey, a variety of different properties were noted by member of the public for the Township to examine as potential sites for conservation easements, acquisitions, etc. These suggestions are indicated below. It is worth noting that before proceeding with any discussions with property owners, the Township would need to assess feasibility of pursuing any potential future parcel acquisition (in part or in whole) or any conservation easement(s). For a map showing the locations of the below parcels, see “Potential Facilities” on the Recreational Facilities Map ([Appendix 1](#)). For further information on public input, see [Section 4](#).

D1. Googasian Parcels (Brewery Creek)

Located off E Grandview Road, there are multiple parcels totaling approximately 85 acres currently owned by George Googasian. This parcel was identified by the public as parcels of interest as the site contains wetlands and forest. Respondents indicated that the property could serve as a connector to the Discovery Center/Pier and the TART Trail.

D2. Top of Timberlee Hills

Approximately 100 acres of land atop the Timberlee Hills resort area has been mentioned as a potential future recreational land acquisition working in conjunction with the Leelanau Conservancy. Accessed from the south end of Lake Leelanau off Fouch Road, such an acquisition could provide scenic hiking trail opportunities and public recreational space. As members of the public expressed interest in these parcels, it is incorporated in this Plan. That said, the owner has filed a Special Use Permit to construct a resort on the parcels. The Site Plan indicates that the wetlands onsite will be preserved, there is a rigorous planting plan, and there are multiple walking trails proposed around the site. At the time of the Parks and Recreation Plan approval, this project has not yet been scheduled for a public hearing.

D3. Undeveloped Acreage off M-72

Located off M-72 there are 206.56 acres of undeveloped land currently owned by West Traverse LLC. These parcels extend from M-72 to E Hoxie. These parcels were identified by the public due to their size, location, and varying elevations. It was also noted that the site could serve as a connection could to Hickory Hills (in Traverse City).

D4. West Shore Partners Parcels

Located off M-22, West Shore Partners owns multiple parcels totaling approximately 13 acres across three parcels (including bottomlands). One of the landward parcels extends from M-22 across the TART trail. A portion of the parcels contains wetlands as well as a Conservation Easement. Although included within the plan as members of the public expressed interest in pursuing Township acquisition, the owner (at the time of the Parks and Recreation Plan approval) has a Special Use Permit to construct a private marina eastward of M-22 and a parking lot westward of M-22. A past approval (since expired) also included a hotel westward of M-22.

D5. R3 Parcel (8 acres)

Located across Woodwinds Condominium, parcel number 004-028-124-01 is a triangular lot at the corner of E Cherry Bend Rd and E Breithaupt Road.

D6. R3 Parcel (3 acres)

This parcel was identified as it abuts the TART Trail and contains wetlands. That said, it is worth noting that the owners did obtain approval for a condominium on the parcel and some condos have been constructed. Areas of the parcel containing wetlands were preserved and that land is part of the common ownership of the approved condominium.

D7. Marathon Property

Spanning 42 acres westward of M-22, there are multiple parcels owned by Marathon Petroleum. This parcel was identified as a potential park. The site contains a creek, forest, wetlands, and is bisected by the TART Trail.

D8. Margie's Court Access Site (Lakeview Hills) – Lake Leelanau

A prospective boat launch area includes the Margie's Court Access Site at the end of E Johnson Rd in the Lakeview Hills area. This road end site, located at the southeast side of Lake Leelanau currently has no dedicated boat launch, pier, or delineated parking. This site could be used to accommodate either motored boats, non-motorized watercraft, or both. This site is located within the existing road right-of-way and warrants additional investigation to determine appropriate layout and parking capacity for this site. Although not explicitly suggested by members of the public, this site was incorporated in the last plan. Additionally, some survey takers indicated the Township should pursue lands along the water in order to provide additional lakeside access.

Section 4 – Description of the Public Input Process

REGULAR RECREATION COMMITTEE MEETINGS

Throughout the 5-Year Parks and Recreation Plan Update process, regular recreation committee meetings have been open to the public for comment and feedback. These meetings generally occurred once a month.

RECREATION PLAN UPDATE - PUBLIC INPUT – August 10, 2022

On August 10, 2022, the Committee held a public input session to generate comment for the update of the Recreation Plan. The meeting was advertised on the Township webpage several weeks prior to the event. Additionally, in July, the Township mailed notice of a survey to every property owner in order to garner public input on the plan and said notice contained the time, date, and location of the Public Input Session. ([*public input session Agenda can be found in Appendix 10 – Public Input, Notices, Meetings and Hearings*](#)).

At the Public Input Session, facilitators consisting of Township Staff and Committee members provided a brief introduction in how the session would be run. Afterwards, the Committee asked the attendees to spend time at the stations which had been set up around the meeting hall. Stations included:

- 1) Cherry Bend Park. The goal of this stations was to review facilities within Cherry Bend Park and discuss improvements the public would be interested in seeing.
- 2) Greilickville Harbor Park. The goal of this station was to review facilities within the Greilickville Harbor Park and improvements the public would be interested in seeing.
- 3) Goals. The goal of this station was to include goals from the last two 5-Year Parks and Recreation Plans and ask members of the public to determine action items to reach the goals. The intent was to see if action items align with past plans. There was also an option for the public to create new goals.
- 4) Marina Phasing. The goal of this station was to provide information on the marina plan and answer questions on work that has been done as well as work that is planned.
- 5) Ideal parks. The goal of this station was to ask the public to think of parks, in general, and what makes them an asset. The facilitator at this station asked folks to not think about Township parks, but other parks in different areas as well as what would make an ideal park.
- 6) Survey. The goal of this station was to provide preliminary results of the survey which had been open since July. It also encouraged members of the public who had not yet taken the survey, to take the survey. The QR code to the survey as well as print-outs were provided.
- 7) Discovery Pier. As Stephanie Rustem (Program & Fundraising Coordinator) was able to attend, Discovery Pier also had a station to discuss the site and its improvements.

PUBLIC INFORMATION SESSION SYNOPSIS

Given the number of people attending the Session, facilitators and members of the community were able to have informal, yet informative conversations throughout the evening. During these conversations, facilitators often posed questions pertaining to their stations and were able to add comments to the station's board(s). Many comments circled around existing facility upgrades and prospective parks and recreation facilities and are summarized below.

An existing parks recreation facility, Cherry Bend Park, was discussed with regard to future upgrades. Multiple attendees were interested in more facilities aimed at creating a more multi-generational park. Although the community commended the cleanliness and maintenance of the parks, there was some interest in seeing less lawn throughout the park and encouraging more native plantings. A young child who attended the input session indicated that they enjoyed the park and wanted it to remain, but also wanted to see - swinging monkey bars. Attending adults had mixed feelings regarding pickleball courts; most expressed interest in pursuing them onsite, but some noted that the Township should plan carefully so pickleball does not take over.

Most of the conversation surrounding Greilickville Harbor Park revolved around enhancing existing facilities. Conversations highlighted how well used and loved the facilities are. Attendees noted that the grilles, pavilions, and public toys were being used every time they visited the park. It was also noted that the park was very bike friendly, yet, efforts are needed to create more safe crossings to the bayside of M-22. Suggestions on safer access provided by attendees included a bridge, a tunnel, a path button/HAWK signal, and stop light. There was also discussion on food, as multiple attendees expressed interest in permitting food trucks as well as planting additional edible plants. The young child who attended expressed interest in a bigger rock wall as the one on the existing playscape is small. Signage was also a theme as everyone suggested that signage should be improved. Additional facility suggestions included additional bike and walking trails, recycling facilities, hammock locations, and table tennis.

At the “Goals” station, conversations circled around potential land acquisitions. Specifically, multiple members of the public indicated that the Brewery Creek Property (approximately 87 acres over multiple parcels) owned by the Googasians should thoroughly be examined. Reasons for looking at this specific property were mostly because of the topography, wetlands, and wildlife. Not many specific action items were written on the boards, but the public did express desire for better connections between parks. Like discussion at the Greilickville Harbor Park station, concern over crossing M-22 to the Park was noted. There were also additional conversations of finding ways to enhance the natural environment within existing and future parks by planting additional vegetation as well as edible plants, in addition to looking at other parcels which would enhance or create more wildlife corridors.

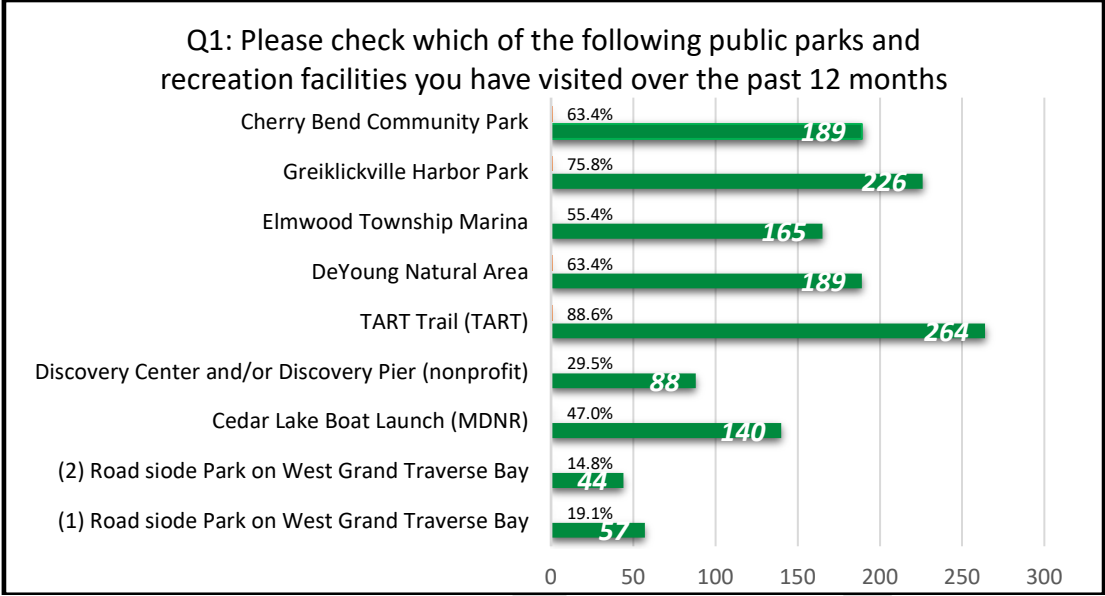
While the ongoing planning and future improvements to Elmwood Township Marina are one of the top priorities for the Township, there was little discussion on said topic during the public input session. Jeff Shaw, Township Supervisor, was the facilitator at the marina station and was able to answer the few questions that arose on recent improvements. It is worth noting that there was some public interest in expanding the marina as well as finding a way to reduce fees for residents to use certain facilities at the marina.

The survey station was not meant to spark much discussion, but attendees seemed happy to see that over 250 people had taken the survey and were interested in seeing the end results.

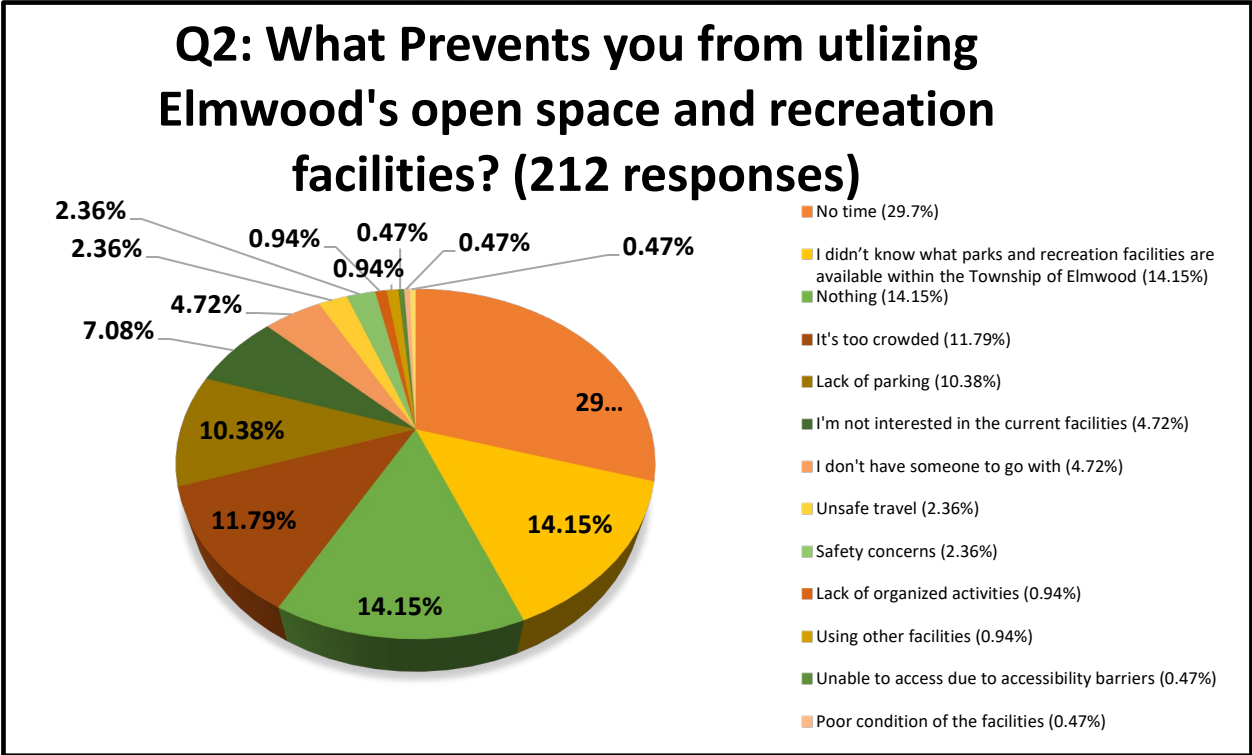
PUBLIC SURVEY SYNOPSIS

In total, the Township received 303 responses to the parks and recreation survey. Notice of the survey was mailed July 15th to all property owners within the Township (2,773 postcards were mailed). Hard copies of the survey were available at Township Hall or online. Notice of the survey which was available from July 15th-August 24th was also posted in the Leelanau Enterprise. Survey takers were not required to fill in any of the 12 questions, so each question received a different number of responses. It is also worth noting that many questions had the ability for one to fill-in their answer. In order to summarize the data from the survey, the fill-in answers for each question were reviewed and grouped by the Committee. [*See Appendix 10 for a copy of the survey.*](#)

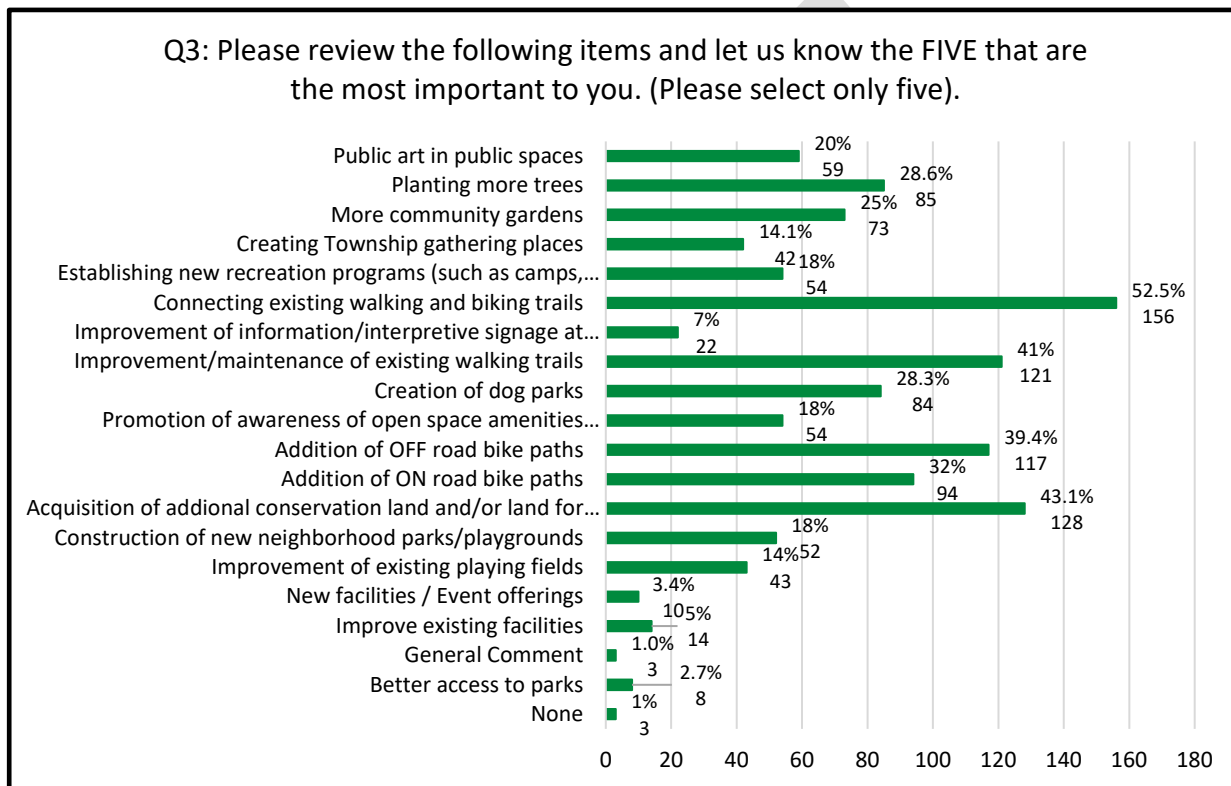
Question 1 asked survey takers to indicate which park facilities within the Township they had visited within the last year. In total, 298 people responded and the most visited park was the TART Trail (88.6% of respondents). The second most visited park was Greilickville Harbor Park, as 75.8% said they visited within the last year. This was followed by Cherry Bend Community Park and the DeYoung Natural Area, where both were visited by 63.8% of respondents. This was followed by the Marina (55.4%), then the Cedar Lake Boat Launch (47%), and then Discovery Pier/Discovery Center (29.5%). The MDOT roadside parks were visited the least as less than 20% visited one or the other.



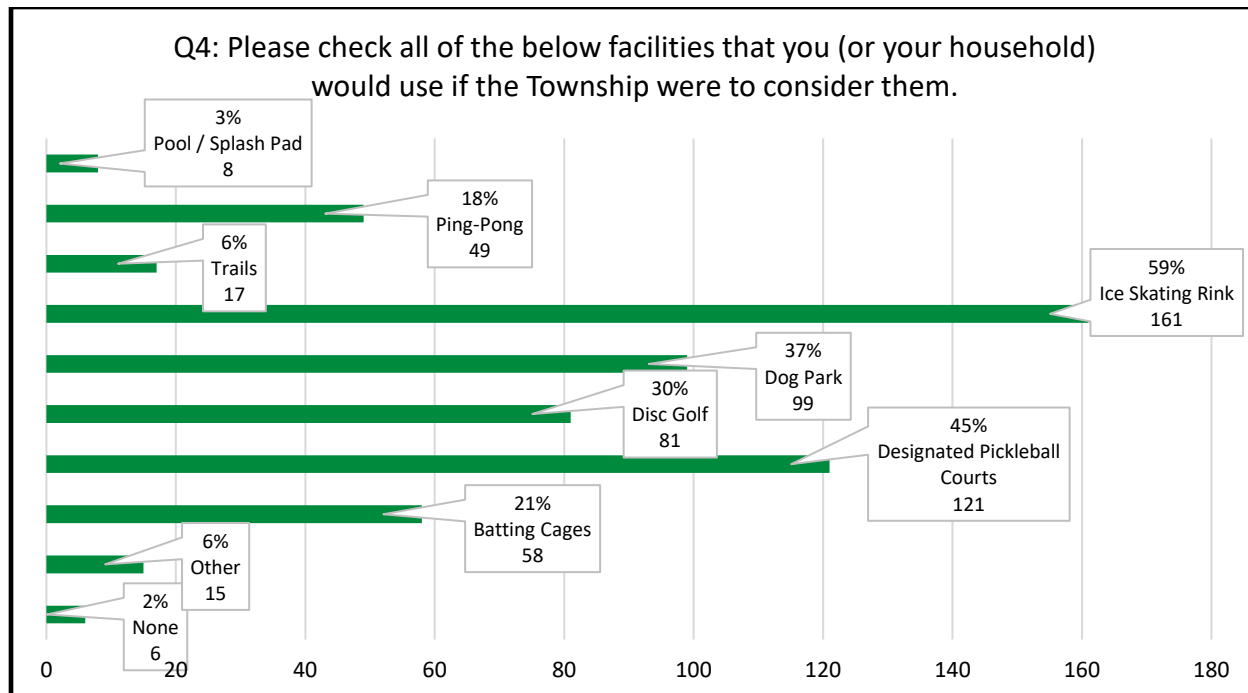
Question 2 asked respondents to indicate what prevents them from utilizing Elmwood’s open space and recreation facilities. It was the first question that allowed respondents to fill in their answer if they did not find any of the provided answers applicable. The highest indicated reason for not utilizing the parks was that respondents had no time (29.7% of responses). This was followed by ‘I did not know what facilities were available’ (14.15%), and ‘Nothing’ (14.15%). 11.79% of respondents indicated that the crowdedness of parks impacted their use of the park and 10.38% indicated that parking was the issue behind their utilization of the parks. The rest of the responses indicated that other factors such as traffic, poor condition of facilities, not having someone to go with, etc. had a minimal impact on utilization of facilities.



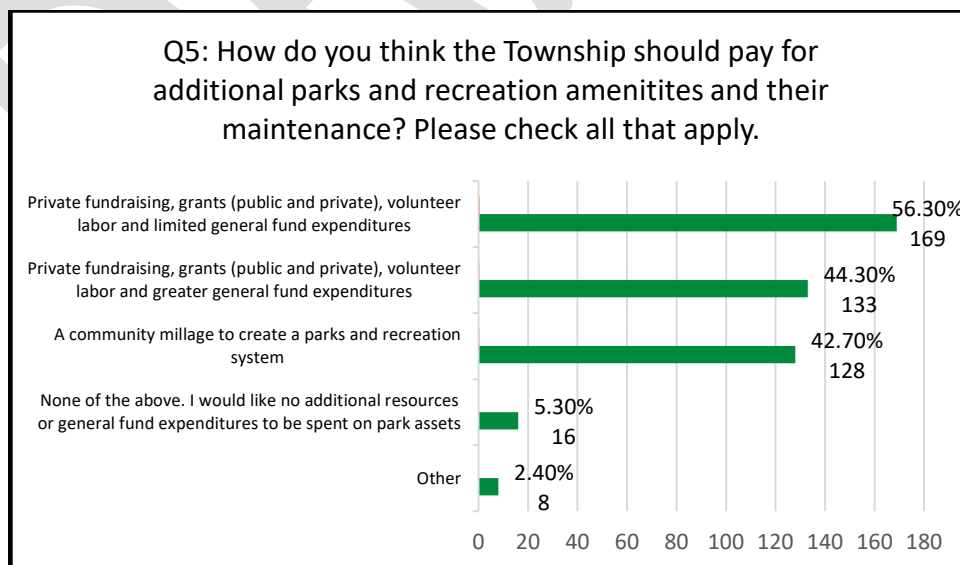
Question 3 asked what five items listed were most important to the respondents and allowed individuals the ability to fill in their own answer. The list of items included a variety of new facilities, such as on/off road bike paths, creation of a dog park, creating connections of existing trails, more parks, etc. It also included items such as adding art in public spaces, planting more trees, and acquisition of additional land for recreation. 41 people filled in their own answers which were categorized into creation of new facilities (3.4%; responses varied and included suggestions such as a splash pad, pool, ice skating rink, campground, etc.), improve existing facilities (5%), better access to parks (2.7%), general comment (1%), and none (1%). The items that received the highest response rate were connecting existing walking and biking trails (156 responses (52.5%)), acquisition of additional conservation land (128 responses (43.1%)), Improvement/maintenance of existing walking trails (121 responses (41%)), and addition of off road bike paths (117 responses (39.4%)).



Question 4 asked respondents to check which facilities they (or members of their household) would use if the Township were to consider them. Ping-Pong, an ice-skating rink, a dog park, disc golf, designated pickleball courts, and batting cages were options, as was filling in one's own answer. Although there was a total of 46 fill-in responses, many of them were only indicated once or twice and therefore they were grouped into a category of 'other.' Facilities included in the category of 'other' include Accessible facilities Backboard for Tennis Bocce Courts Indoor Winter Facilities Maintenance, Marina improvements, picnic facilities, pump track for bikes, safe access to parks, sledding, softball field, and a Township Café. An ice-skating rink had the highest response rate at 161 responses (59%), followed shortly by Designated Pickleball Courts at 121 responses (45%). 99 (37%) of respondents indicate that they would use a dog park. 81 (30%) people indicated they would use Disc Golf, 58 (21%) indicated batting cages, and 49 (18%) indicated Ping-Pong.

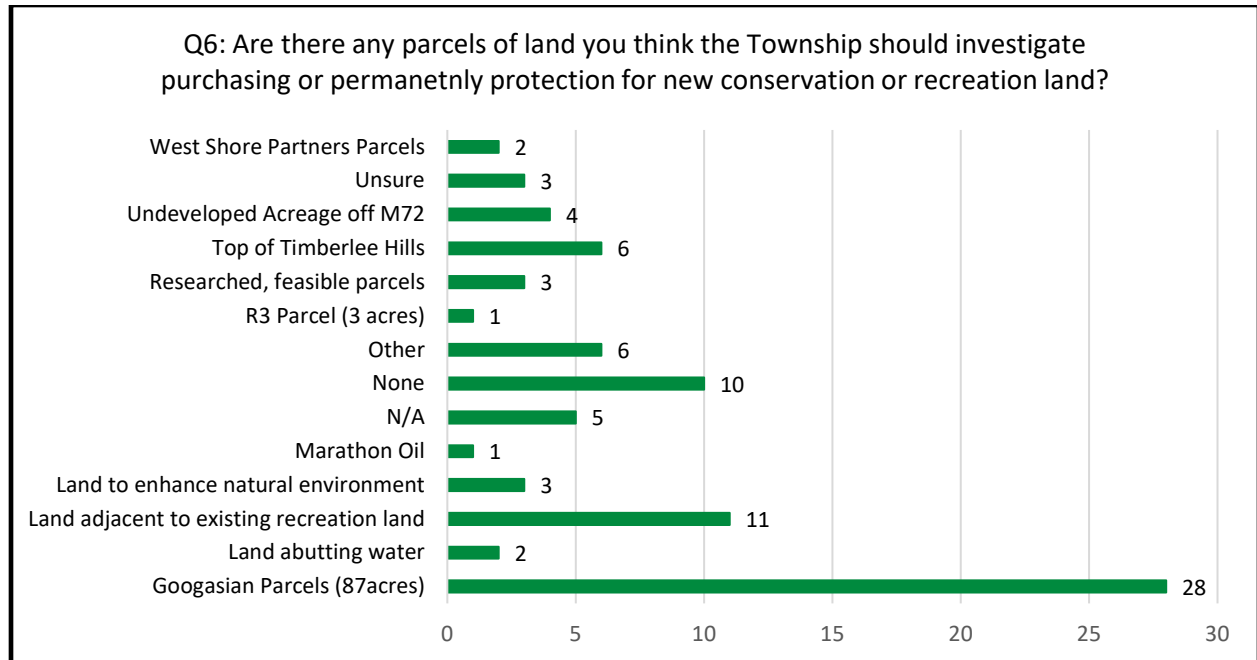


Question 5 asked survey takers to indicate what methods of funding should be used in order to pay for additional parks and recreation amenities and their maintenance. Most respondents (169 / 56.30%) indicated that private fundraising, grants, volunteer labor and *limited* general fund expenditures should be used to fund additional facilities and their maintenance. This was followed by private fundraising, grants, volunteer labor and *greater* general fund expenditures. 128 people (42.7%) indicated that the Township should consider a community millage to create a parks and recreation system, while only 16 people (5.3%) indicated that they wanted no additional funding/resources to be spent on park assets. 8 respondents filled in their own answer which varied between suggestions like ‘tax the rich’ to ‘Maybe a fun event like a strawberry social, pancake breakfast or the like’ to ‘get a passport like DNR parks...’

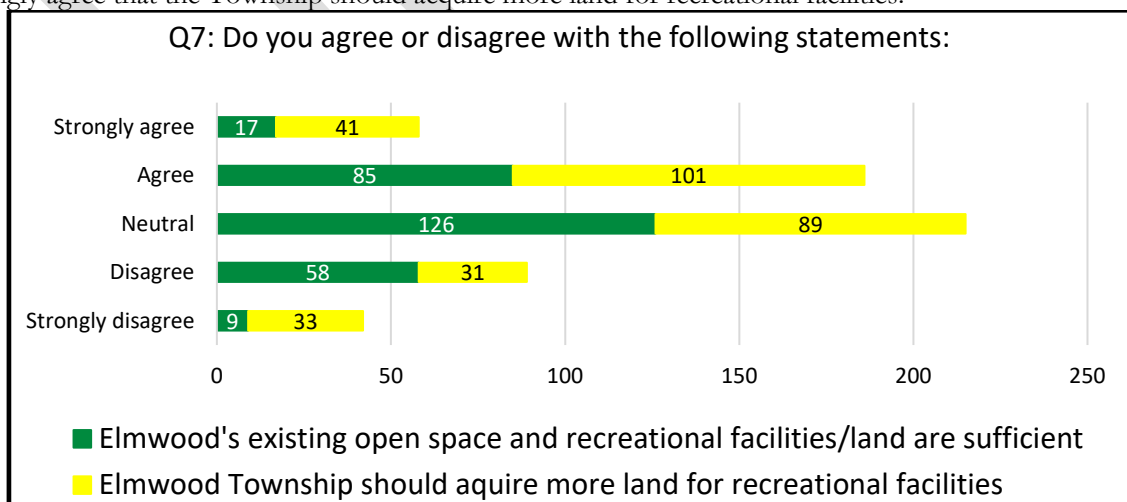


Question 6 asked respondents to note any property they thought the Township should consider optioning. The question was open answered and responses varied. In reviewing responses, it is worth noting that only 85

of the 303 survey takers answered this question. 28 of the 85 respondents indicated that the Township should examine the parcels currently owned by the Googasians. These parcels total 87 acres and include wetlands, forest, and hillside. Other indicated that the Township should examine land adjacent to existing recreation land (11 respondents), land that could enhance the natural environment (10 respondents), and land that is researched and practical to acquire (3). There were also 10 people who did not think the Township should consider acquiring any land. These parcels are briefly described within [Section 3](#) and a map of their location can be found in [Appendix 1 – Recreational Inventory](#).

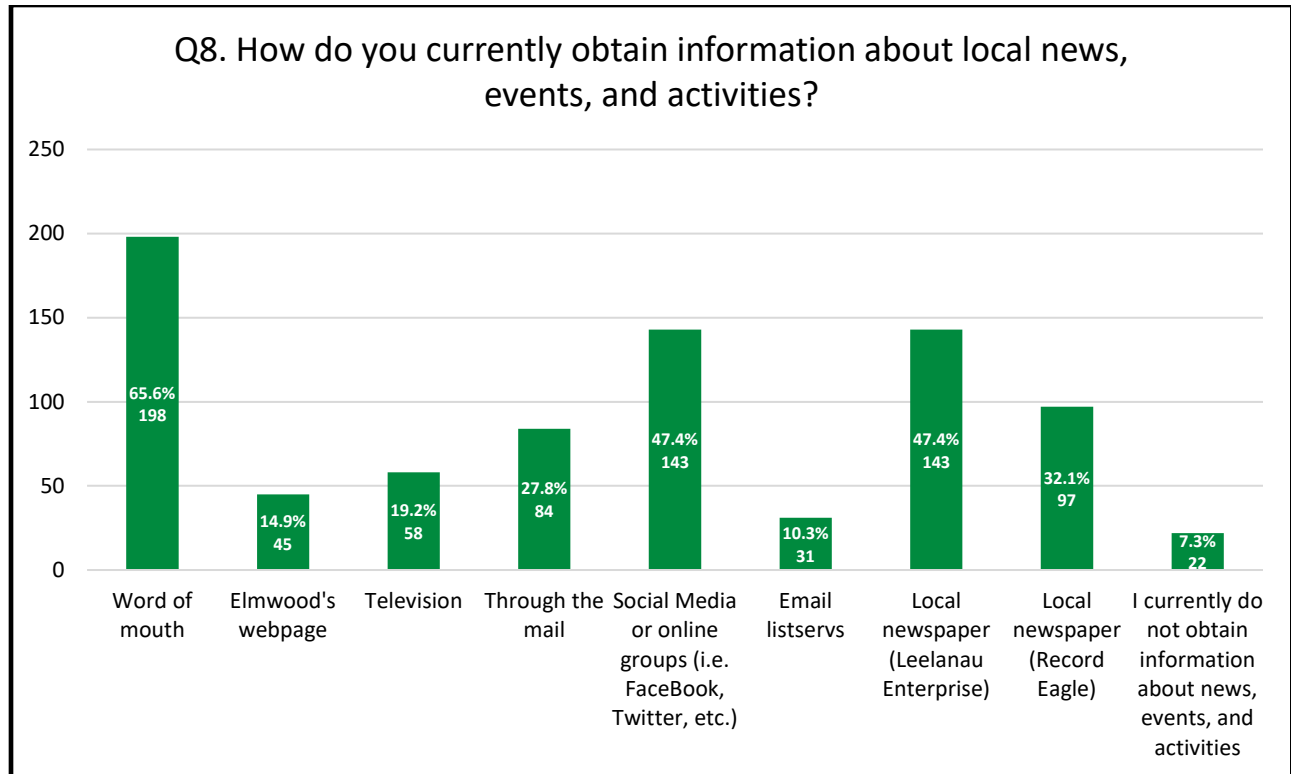


Question 7 asked survey takers to gauge how they agreed with two statements; the first being if they believed Elmwood’s existing open space and recreational facilities/land are sufficient and the second being if they though Elmwood Township should acquire more land for recreational facilities. Most people felt neutral on if existing facilities were sufficient, however, 101 people indicated that the agree and 41 indicated that they strongly agree that the Township should acquire more land for recreational facilities.

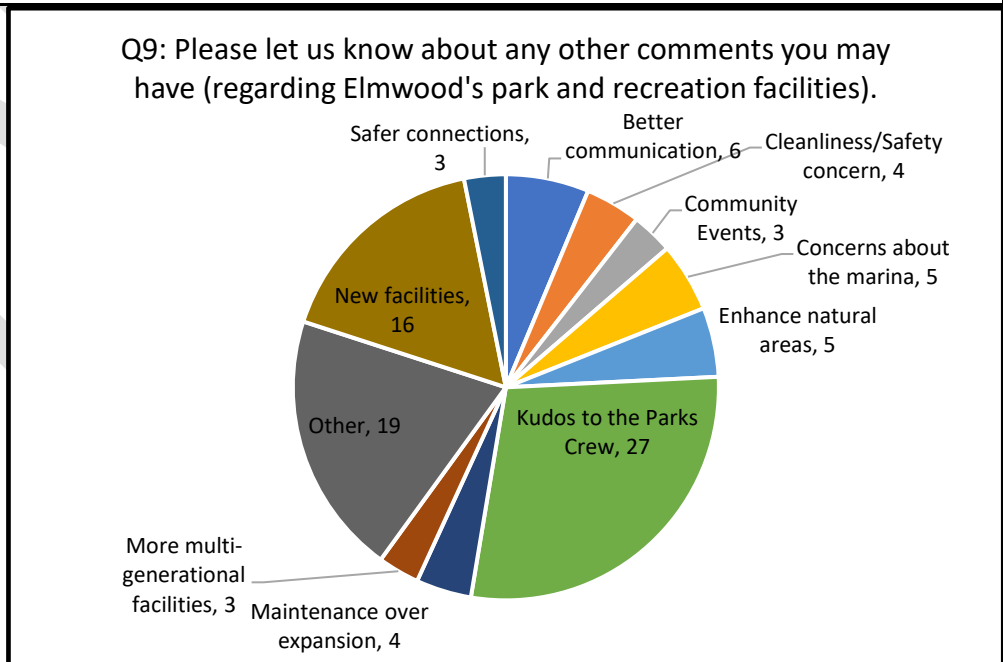


Question 8 asked survey takers to note how they currently obtain information about local news, events, and activities. People were able to select multiple forums of information. Most (198 / 65.6%) respondents

indicated that they obtain information from word of mouth. Interestingly enough, social media and the Leelanau Enterprise (local newspaper) had the same number of responses (143 people (47.4%)). According to the survey, email listservs and the Township’s webpage are not highly utilized for information about news, events, and activities.

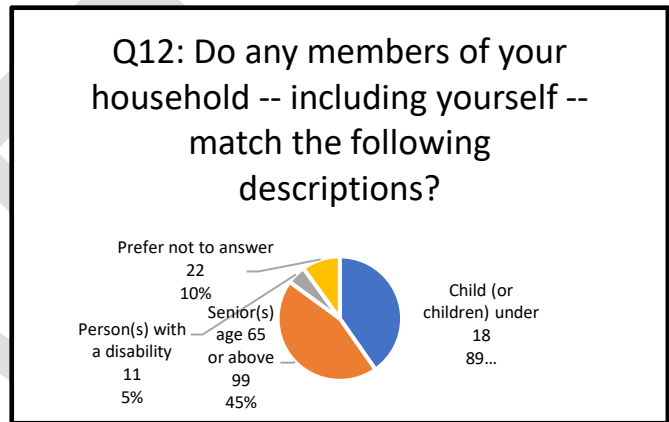
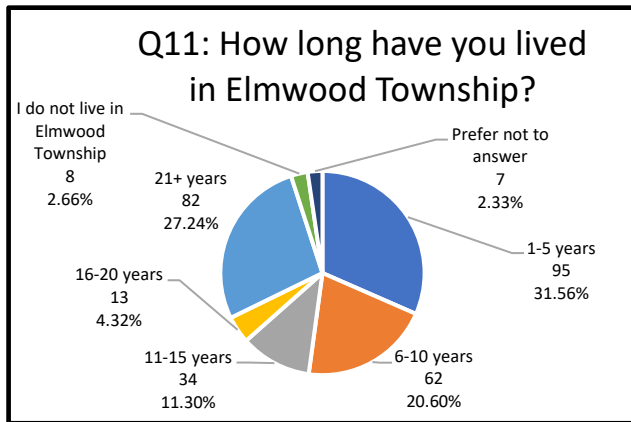
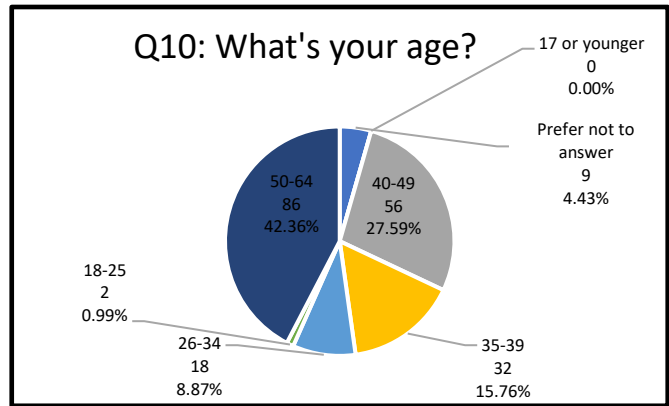


Question 9 was intended to be a catch-all question which asked survey takers to indicate any other comments they may have. 95 people took this opportunity to share their thoughts which is visualized below. Many respondents (27) took the opportunity to thank the groundskeepers for meticulously maintaining the public parks or the Parks and Recreation Committee



for the ability to provide input. 16 people reiterated the desire to see additional facilities mentioned earlier in the survey (ice skating rink, dog park, etc.). The ‘Other’ category included responses such as general comments and singular statements that were unable to be grouped together.

Questions 10-12 were demographic questions and were asked so the Township could get a glimpse into information about those who took the survey. As indicated in the pie charts below, there was a mix of age groups that took the survey. Approximately 75% of survey takers were over the age of 40, with the highest percentage of survey takers being older than 65. No one under the age of 17 took the survey.



KEY PUBLIC MEETING INPUT CHRONOLOGY ([Agenda, minutes and public response can be found in Appendix-10](#))

PARKS AND RECREATION SURVEY NOTICE (July 15 – August 24, 2022)

A Parks and Recreation update was mailed to all property owners within the Township on July 15, 2022. Said notice indicated that the Township was working on a 5-Year Parks and Recreation Plan and in order to obtain public input, a survey was created and would be available until 8/24/22. The notice provided a QR code to the survey, but also indicated that hard copies of the survey were available online as well as at Township Hall. Lastly, the notice indicated that the Committee would hold a public input session on August 10, 2022.

PARKS AND RECREATION COMMITTEE MEETING – Public Input Session (August 10, 2022)

In order to gather in-person public input, the Parks and Recreation Committee held a Public Input Session at Elmwood Township Hall. The Committee and facilitators kept the session as informal as possible in order to foster conversations and gather comment on existing facilities, future goals, the concept of an ideal park, as well as to provide information on planning efforts at the Marina and preliminary survey results. This meeting was open to the public and advertised in advance via the Leelanau Enterprise newspaper, on the Township’s website, and notice was provided in the survey notice sent out on July 15, 2022.

REVIEW / RECOMMENDATION FOR CONSIDERATION - Parks and Recreation Committee –5-Year Parks and Recreation Plan Update Final Review (October 25, 2022)

A formal meeting was held by the Parks and Recreation Committee to discuss the updated draft 2023 5-year Parks and Recreation Plan. This Parks and Recreation Committee meeting was open to the public and the minutes can be found in [Appendix 10](#). At this meeting, the Parks and Recreation Committee passed a motion to recommend the Draft Plan for consideration and a Public Hearing before the Township Board.

RECOMMENDATION FOR PUBLIC HEARING - Township Board (November 14, 2022)

A formal meeting was held by the Township Board on November 14th, 2022 to address the potential public hearing required for the 5-Year Parks and Recreation Plan update as was previously recommended by the Parks and Recreation Committee. The Township Board made motion to schedule a public hearing on the 2023 Parks and Recreation Plan update. The minutes from this meeting can be found in [Appendix 10 – Public Input, Notices, Meetings and Hearings](#).

PUBLIC HEARING and PLAN ADOPTION - Township Board (January 9, 2023)

An advertised public hearing was held on January 9, 2023 by the Township Board to accept public comment on the updated 5-Year Parks and Recreation Plan Update and to consider a formal resolution of adoption. The public hearing was advertised in a local newspaper more than thirty (30) days prior to the public hearing and the public hearing portion of the meeting was held prior and separate from formal adoption at the same meeting. The Elmwood Township 5-Year Community Park, Recreation, Open Space, & Greenway Plan Amendment was adopted by the Township Board at this meeting. The minutes from this meeting can be found in [Appendix 10 – Public Input, Notices, Meetings and Hearings](#).

DRAFT

Section 5 – Goals and Objectives

The Goals and Objectives for recreation in Elmwood Township were developed together with the Parks and Recreation Committee utilizing public input, noting the existing condition of recreational facilities, conducting a resource inventory, and assessing forecasted demographics and population changes.

GOAL #1

Continue to improve Greilickville Harbor Park as a diverse, multi-generational, universally accessible, and sustainable recreation facility that serves the local population, the Grand Traverse region, and visitors.

Action Objectives:

- a. *More safe and efficient parking nearby*
- b. *Enhance Physical and Cooperative Connections with Discovery Center and Discovery Pier*
- c. *Landscape plantings along M-22 (Streetscape / Corridor Beautification)*
- d. *New picnic tables or benches along Brewery Creek*
- e. *Beach enhancement / expansion where permitted*
- f. *Kayak/Canoe Launch/Scuba diving staging area*
- g. *Develop BATA bus stop, park & ride, and bike lockers at Brewery Creek Natural Area*
- h. *Refine staffing, maintenance, and budgeting process for Capital Improvement Plan input*
- i. *Boardwalk with interpretive / historical signage at Brewery Creek*
- j. *Safe access across M-22*
- k. *Consider allowing commercial activity, such as food trucks, in the park*
- l. *Plant additional edible vegetation*
- m. *Enhance existing signage around the facility*

GOAL #2

Create and enhance the system of corridors to improve connectivity between the parks, trails, and greenways system, which will provide universal access between existing and potential Township recreation facilities, including Greilickville Harbor Park, the DeYoung Natural Area, and the Cherry Bend Community Park.

Action Objectives:

- a. *Provide a connection to the TART Trail from Cherry Bend Community Park; sidewalks along Cherry Bend from M-22 to Cherry Bend Community Park*
- b. *Strengthen the existing “access easement” through the Brewery Creek Natural Area property from the Leelanau Trail to Greilickville Harbor Park*
- c. *Connect Leelanau Trail through the Rotary Charities property (Discovery Center ~ Great Lakes complex) and Greilickville Harbor Park*
- d. *Conduct a feasibility study to someday connect TART Trail to the Timberlee Resort Area (partially completed in 2009 by the DCGL and Gosling Czubak Engineering)*
- e. *Support efforts to determine possible future connections to the Hickory Hills Recreation and Ski area to Elmwood Township*
- f. *Support Township’s Greilickville Commercial Corridor Task Force’s efforts to work with the Discovery Center ~ Great Lakes Board of Directors, TART (Leelanau Trail), the Leelanau Conservancy, the Leelanau County Road Commission, and MDOT to develop and refine conceptual plans for targeted trail links and off-site parking*
- g. *Consider opportunity for bicycle “commuters” to utilize the M-22 corridor north-south from the broader county and township into Traverse City*
- h. *Implement barrier-free accessibility as a design standard for all new facilities and improvements to existing facilities*

GOAL #3

Make improvements to Cherry Bend Park in the same spirit that Greilickville Harbor Park has been redeveloped to provide a diverse, multi-generational, universally accessible and sustainable recreation facility and optimizes the available park land, links to nearby neighborhoods, Cedar Creek Commons and the Leelanau Trail, and provides desired 4-season active and passive recreation.

Action Objectives:

- a. *Better connectivity to Leelanau/TART Trail and neighborhoods and Cedar Creek*
- b. *Design, fund and implement a walking pathway circuit in the park*
- c. *Encourage Winter activities such as ice skating rink, etc.*
- d. *Consider Wayfinding (I.e. Context Map) and Informational Signage (I.e. Park Rules)*
- e. *Improve site lighting*
- f. *Small pavilion for shade/picnicking near the ballfields*
- g. *Trees under-planting, replacement, enhancement*
- h. *Consider irrigation for use areas*
- i. *Expand park to the west (Overflow grass parking for events)*
- j. *Refine staffing, maintenance and budgeting process for Capital Improvement Plan input*
- k. *Evaluate and Plan for Brewery Creek property enhancements.*
- l. *Develop an overall Township Trail Plan*
- m. *Consider additional park equipment for different age groups as well as abilities*
- n. *Consider additional facilities to create multi-generational park, including pickleball courts.*
- o. *Review park facilities and consider additional facilities to make the park more of a 4-season park*

GOAL #4

Investigate and study possible parcels, which may be considered for future recreation land acquisition through the Michigan Department of Natural Resources (MDNR) and/or partnerships with the Leelanau Conservancy or Leelanau Brownfield Redevelopment Authority (LCBRA) to establish public private cooperative projects and/or permanent conservation easements, recreational amenities, or facilities.

With a quick look at the Township's Recreational Inventory ([Appendix 1](#)), it is evident that the southern portion of Elmwood Township contains many of the Township's recreational facilities. There has been documented public interest in identifying and studying opportunities to create and enhance possible future recreational opportunities in the western and northern portions of the Township, including seeking to purchase available and appropriate land. The principal purposes stated for such land acquisition include provision of additional non-motorized recreational trails for passive recreation, and/or natural resource and wildlife habitat conservation and protection.

Action Objectives:

- a. *Investigate Timberlee Resort "hilltop" natural recreational easement*
- b. *Investigate other west-Township natural parcels*
- c. *Support efforts to investigate conservation/recreation areas near Lakeview Hills Road (n. Elmwood/S. Bingham Twp. Line)*
- d. *Map undeveloped properties adjacent to existing facilities*
- e. *Investigate additional properties to enhance wildlife corridors, including but not limited to properties along Brewery Creek*

GOAL #5

Work with the Township Marina Committee to develop and implement recommendations to improve the joint asset of the Elmwood Township Marina and support amenities that are to be

available and accessible to the general “recreating” public, and not specifically associated with the leased seasonal or transient dockage function of the marina.

In 2007 and 2008, the Township conducted an extensive marina planning process based on a grant obtained from the Michigan Department of Natural Resources (MDNR) Waterways Program. In conjunction with a boating access grant project that resulted in the construction of C-Dock, the third floating pier at the Elmwood Township Marina, the Township was seeking to update land-based infrastructure on the marina side as well. Over the past decade, the Township has made significant progress in addressing action items detailed within the Marina Master Plan.

In early 2010, the reformed Marina Committee began re-evaluating the former conceptual plans and considering new proposals being brought forward for consideration, including a state-of-the-art fish cleaning station. Additional public input and engagement was sought which validated the general form and layout of the 2007-2008 preliminary engineering study concepts with placement and consideration of new elements. In November 2010, the Marina Committee recommended a series of 10 items, referenced as the “Wish-list,” to the Township Board. These 10 recommendations were approved by the Township Board and provided the basis for the Township to develop a request for proposals (RFP) process to hire a design firm to finalize an Elmwood Township Marina Master Plan. In late 2011, SmithGroupJJR of Ann Arbor was hired to develop the Marina Master Plan and the Elmwood Township Board approved the proposed design in January 2012.

Prior to the implementation of the approved Marina Master Plan, a M-22/Greilikville Commercial Corridor traffic study was conducted by Progressive AE and adopted by the Township in 2016. In addition, the Elmwood Township Master Phasing and Implementation plan was developed by Smithgroup JJR/Gordie Frasier and Associates to guide the future development of the marina site. This phasing and implementation plan was adopted in January 2017 and paves the way for future construction of the planned site infrastructure improvements.

The Marina Committee is principally charged with moving the resultant Marina Master Plan’s recommendations forward; therefore, this plan will reference that document. The Parks and Recreation Committee, with its principal charge being to oversee betterment of all Township recreational assets and facilities in the Township and to provide the Township Board with recommendation thereto, oftentimes identifies several key areas of overlap in coordination with the Marina Committee. The following goal encompasses those key areas identified.

Action Objectives:

- a. *Marina Committees “Wish List”*
- b. *Coordinate on-site parking and consider period, programmed “shared-parking” between the park and the marina parking facilities as directed by the board and as marina staff determines available*
- c. *Evolve more green space, and improved stormwater management*
- d. *Create improved, safe non-motorized access through and/or around the marina*
- e. *Identify and develop off-site parking facilities to support the waterfront*
- f. *Participate in the feasibility study, funding, and implementation of a proposed public fishing pier*
- g. *Support efforts to develop a public fish cleaning station on the marina side*
- h. *Pursue efforts to implement smart improved pedestrian crossings and full crosswalks at the Brewery Creek Entrance to GHP*
- i. *Support efforts to secure and develop other offsite parking facilities including land acquisition grants and/or purchase or lease arrangements as identified in strategic and master plans*
- j. *Continue to review fees to ensure feasible and consistency with neighboring marinas with similar facilities*
- k. *Consider feasibility of expanding existing docks to accommodate additional slips as well as larger boats*

(See Appendix 3 – Elmwood Township Marina Master Plan, Marina Phasing Plan, Marina Winter Programming Plan and Waterfront District Framework Plan)

GOAL #6

Inform, Educate, and Encourage. Inform Township residents of ongoing recreation projects, educate them regarding all of the recreational benefits, and encourage broader input from our township residents.

Action Objectives:

- a. Research and consider alternative advertising schemes to promote more public involvement*
- b. Encourage the Parks and Recreation Committee to work with the Township Clerk and staff to identify and fulfill user-based programming initiatives*
- c. Prepare to accommodate enhanced recreational programming if user demand dictates*
- d. Provide support for a wide range of user groups with greater community support for recreation and the growing aging population in the Township*
- e. Work with non-profits such as the Discovery Center and its partners: Traverse Area Community Sailing (TACS), Maritime Heritage Alliance, the Watershed Center, Inland Seas Education Association and the Children's Museum to promote and encourage their activities wherever possible in order to broaden programming availability and diversity in the Township*
- f. Implement strategies of the Elmwood Township Marina Marketing Plan and continue developing ways to promote public and private partnerships between the marina and surrounding community while highlighting special events*

GOAL #7

Expand, develop, and maintain a parks and recreation maintenance program to ensure quality recreational opportunities at Township facilities long-term.

Currently, the Township staff maintains Cherry Bend Community Park, and assists marina staff with maintenance at the newly-refurbished Greilickville Harbor Park. The DeYoung Natural Area is overseen principally by The Leelanau Conservancy (TLC) under the approved management plan. The TLC orchestrates volunteer “worker bees” and initiatives annually. The Township Building and Grounds Department and Township Marina staff either provides services directly or supervises contracted vendors to perform landscape maintenance, building and picnic structure repairs, softball field and tennis court upkeep, public restroom maintenance, mowing and fertilizing of fields, and trash removal activities at all Township facilities. However, the Township needs to proactively strengthen its maintenance program for all recreational facilities and establish same as a high priority.

Action Objectives:

- a. Develop an annual operations and maintenance program with Township staff to adequately address immediate and long-term equipment, budgetary, and personnel needs for existing and proposed facilities*
- b. Provide the Parks and Recreation Committee with oversight responsibility to assist staff with creation and management of an operations and maintenance program and to make recommendations to the Township Board for improvements*
- c. Seek out additional in-kind or sub-contractual services where and when needed to supplement the annual operations and maintenance program and efforts of Township staff*
- d. Participate in the development of an annual Capital Improvements Plan (CIP) and submit an annual budget to the Township Board to fund projected or anticipated recreational needs or proposed improvements*
- e. Encourage native plantings that are pollinator friendly and/or safe for human consumption.*

Section 6 – Action Program

RECREATIONAL CAPITAL IMPROVEMENTS SCHEDULE 2023-2027

The Goals and Objectives developed in Section 5 have been identified into a series of targeted actions to be considered over the next five years. The Parks and Recreation Committee has prioritized the projects based on public and stakeholder input during the recreation plan public input and in light of proposed and ongoing projects, timeframes, and activities. Each of the potential future projects and activities were prioritized on a scale of 1 to 5, with “1” given the highest priority and “5” given medium to low priority for any given year.

The following table organizes the specific projects over the next five years by date, the estimated cost, and possible funding sources. The table also provides a schedule for ongoing general maintenance including the recreational facility name, estimated annual cost, and funding source. 2022 projects or actions which impact or carry over into subsequent years are also represented. A project-specific description can be referenced using the associated goal and task numbers/letters found in Section 5.

<u>Recreation Objectives and Action Program 2023 - 2027</u>				
2023				
Goal/ Task	Project Name	Priority	Est. Cost	Potential Funding Source/Opportunity
	<u>Cherry Bend Playground Improvements.</u> More accessible equipment installations		\$15,000	Township General Fund / ARPA Funds
	Review parking facilities at Cherry Bend Park			Township General Fund
	Parks & Recreation Committee (PRC) CIP budgeting with staff		N/A	N/A
	Township PRC review status of recreational property acquisition potentials		N/A	N/A
2024				
	<u>Brewery Creek Parking Lot Improvements.</u> Since the condominium was dissolved and the Township became the owner, the Board has been discussing improvements. Due to high cost of paving, the design is pending.		TBD	Marina Fund
	<u>Marina Phase 3.</u> Phase 3a: Removal of 3 existing buildings, vertical extension of existing seawall, additional seawall construction. Phase 3b: Boater’s Bath Facility. Phase 3c: parking, landscaping, and amenities (street features, patios).		\$4,000,000- \$5,000,000	Marina Fund / MDNR
	Overall Township Trail Plan		TBD	Township General Fund / ARPA Funds
	Parks & Recreation Committee (PRC) CIP budgeting with staff		N/A	N/A
	Township PRC review status of recreational property acquisition potentials		N/A	N/A

2025				
	MDOT – M-22 improvements from M-72 to Cherry Bend, including nonmotorized paths and crossings		\$9,000,000	MDOT
	Construction of sidewalks along Cherry Bend Rd from M-22 to Cherry Bend Park		\$445,000 - \$2,089,000	TTCI
	Parks & Recreation Committee (PRC) CIP budgeting with staff			
	Township PRC review status of recreational property acquisition potentials		N/A	N/A
2026				
	Parks & Recreation Committee (PRC) CIP budgeting with staff		N/A	N/A
	Township PRC review status of recreational property acquisition potentials		N/A	N/A
2027				
	Parks & Recreation Committee (PRC) CIP budgeting with staff		N/A	N/A
	Township PRC review status of recreational property acquisition potentials		N/A	N/A

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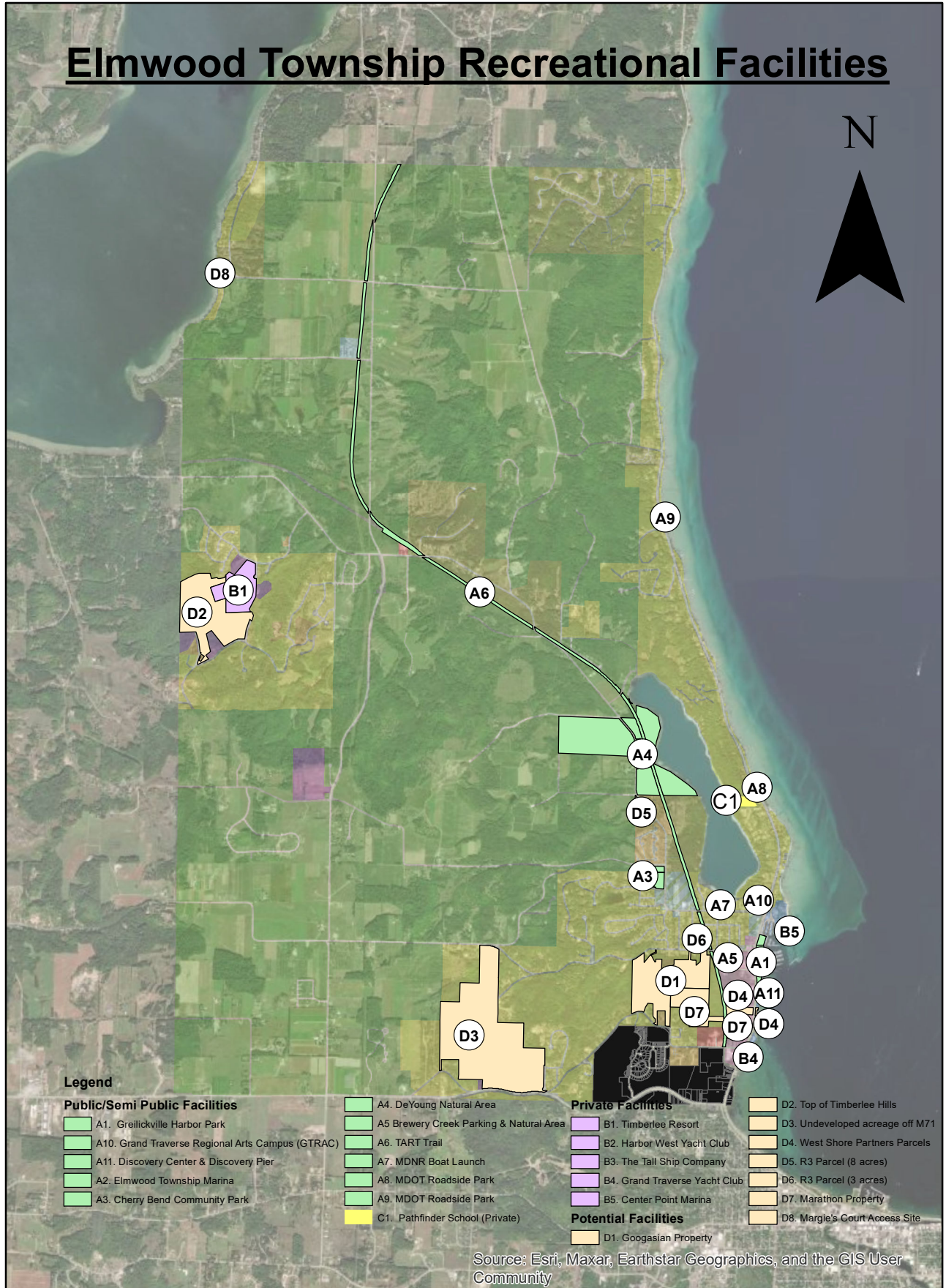
Appendices

1 - Mapping

Elmwood Township Recreation Inventory

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Elmwood Township Recreational Facilities



Legend

Public/Semi Public Facilities

- A1. Greilickville Harbor Park
- A10. Grand Traverse Regional Arts Campus (GTRAC)
- A11. Discovery Center & Discovery Pier
- A2. Elmwood Township Marina
- A3. Cherry Bend Community Park

- A4. DeYoung Natural Area
- A5. Brewery Creek Parking & Natural Area
- A6. TART Trail
- A7. MDNR Boat Launch
- A8. MDOT Roadside Park
- A9. MDOT Roadside Park
- C1. Pathfinder School (Private)

Private Facilities

- B1. Timberlee Resort
- B2. Harbor West Yacht Club
- B3. The Tall Ship Company
- B4. Grand Traverse Yacht Club
- B5. Center Point Marina

Potential Facilities

- D1. Googasian Property

- D2. Top of Timberlee Hills
- D3. Undeveloped acreage off M71
- D4. West Shore Partners Parcels
- D5. R3 Parcel (8 acres)
- D6. R3 Parcel (3 acres)
- D7. Marathon Property
- D8. Margie's Court Access Site

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Leelanau County and Grand Traverse County Recreation Plans

2020-2024 Leelanau County Community Parks and Recreation Plan available online by clicking the following link:

https://www.leelanau.gov/downloads/leelanau_county_recreation_plan_v.pdf

2018-2023 Grand Traverse County Parks and Recreation Plan available online by clicking the following link:

<https://www.gtcountymi.gov/DocumentCenter/View/8338/2018-2023-Grand-Traverse-County-Parks-and-Recreation-Plan?bidId=>

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Road Network Map

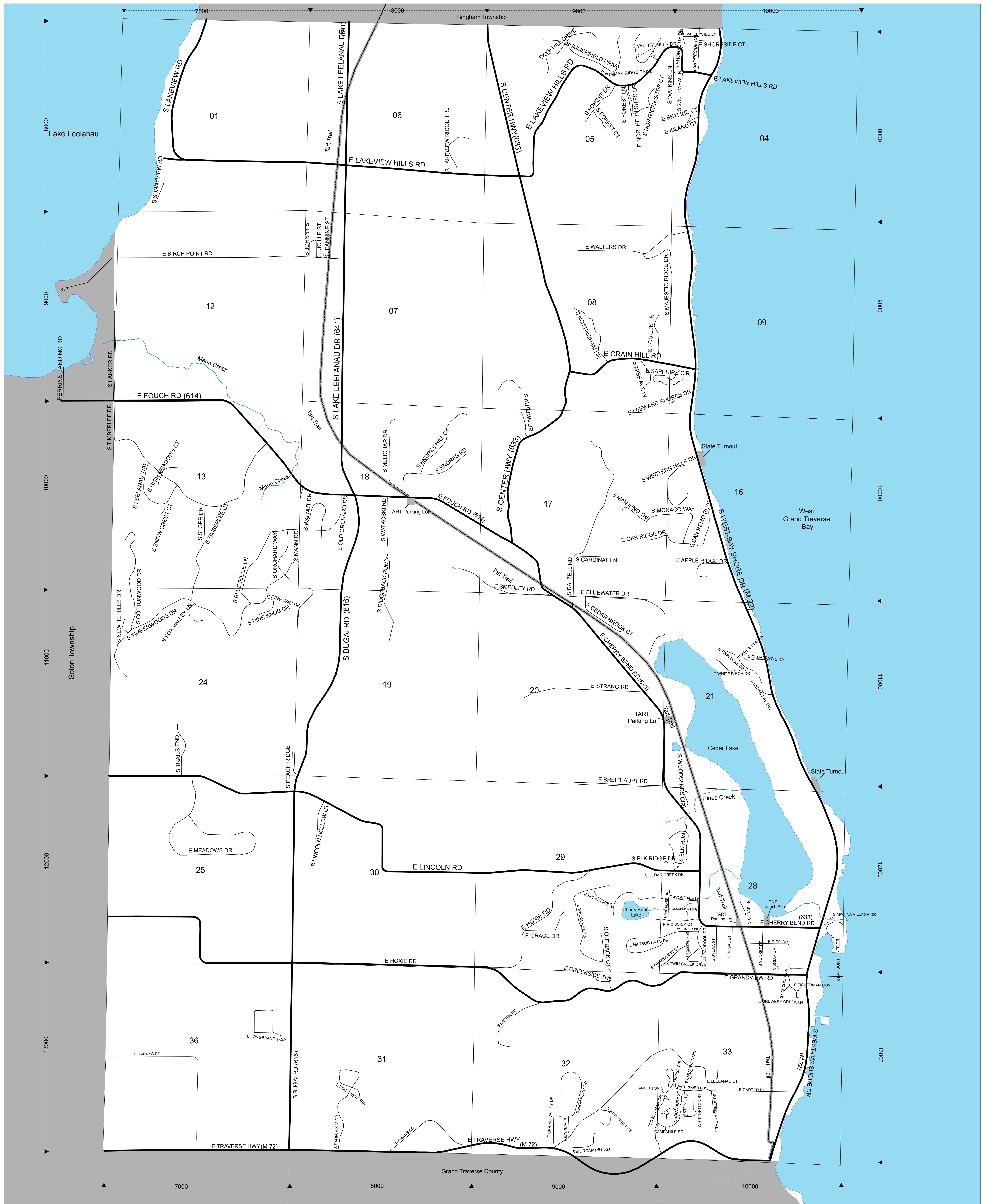
Land Use Cover Map

Wetlands

Zoning

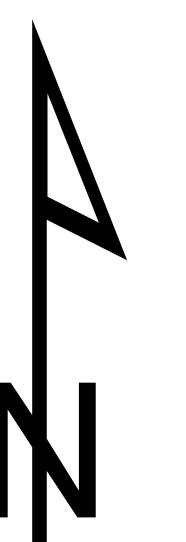
Future Land Use Map (Master Plan (2018))

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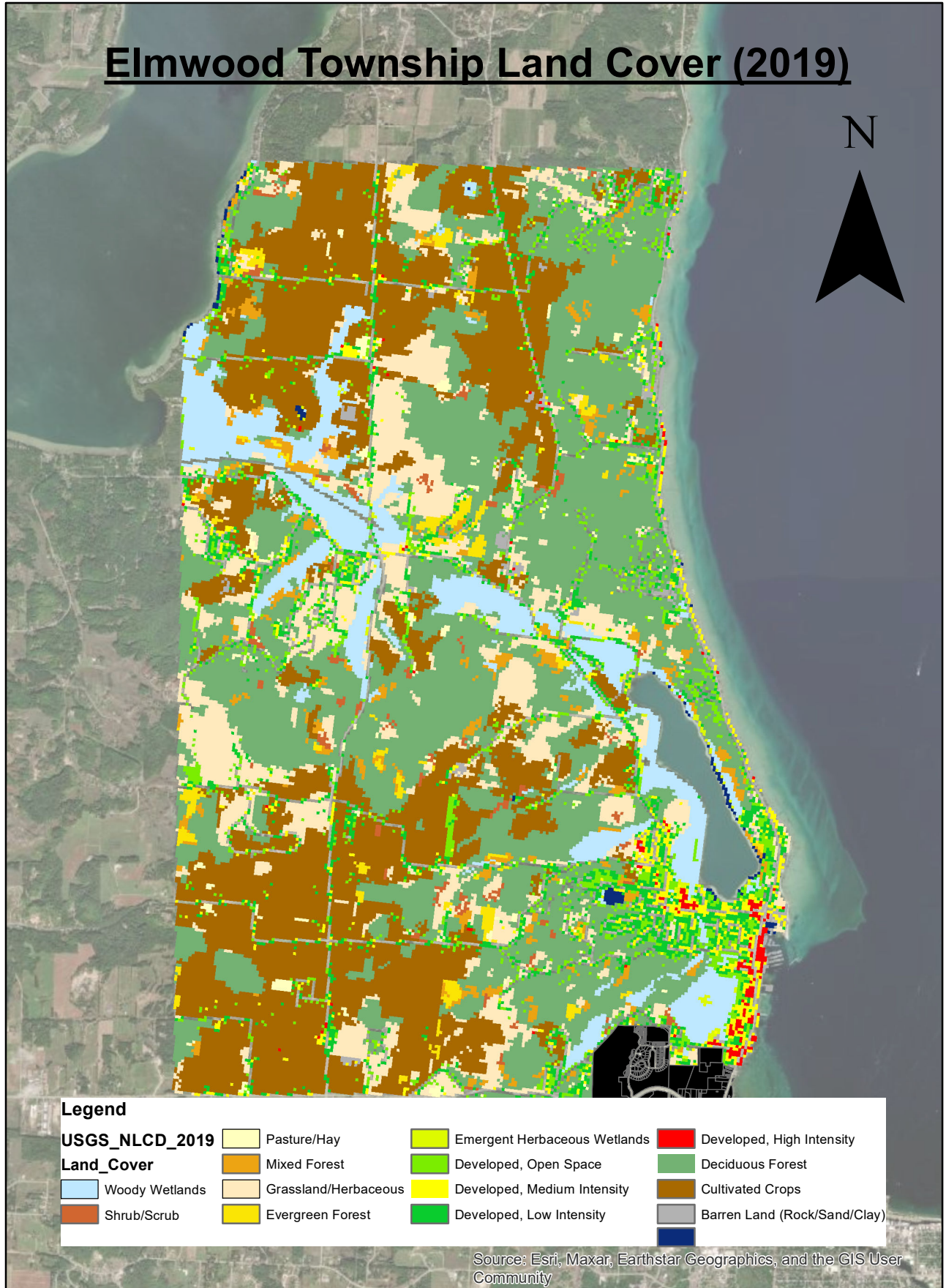
Elmwood Township Road Map

August 2013



Elmwood Township Land Cover (2019)

N

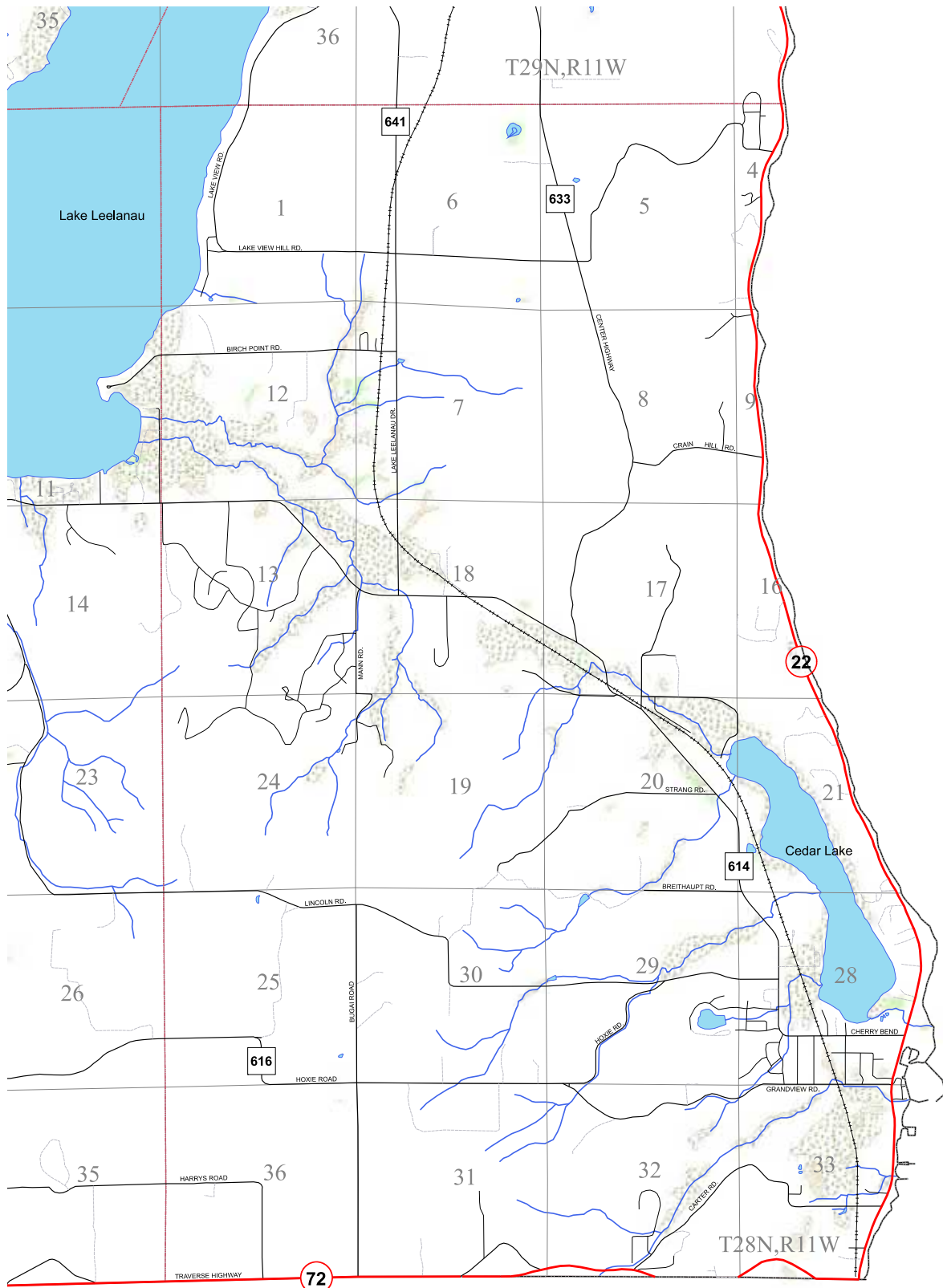


Legend

USGS_NLCD_2019		Land_Cover	
	Pasture/Hay		Emergent Herbaceous Wetlands
	Mixed Forest		Developed, Open Space
	Woody Wetlands		Developed, Medium Intensity
	Shrub/Scrub		Developed, Low Intensity
	Grassland/Herbaceous		Deciduous Forest
	Evergreen Forest		Cultivated Crops
	Developed, High Intensity		Barren Land (Rock/Sand/Clay)

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

WETLANDS Elmwood Township Leelanau County, Michigan

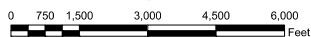


WETLANDS

- Aquatic Bed Wetlands
- Emergent Wetlands
- Forested Wetlands
- Scrub-Shrub Wetlands

GENERAL LEGEND

- Highway
- County Road
- Street
- Trail
- Lakes
- Streams
- Railroads
- Airport

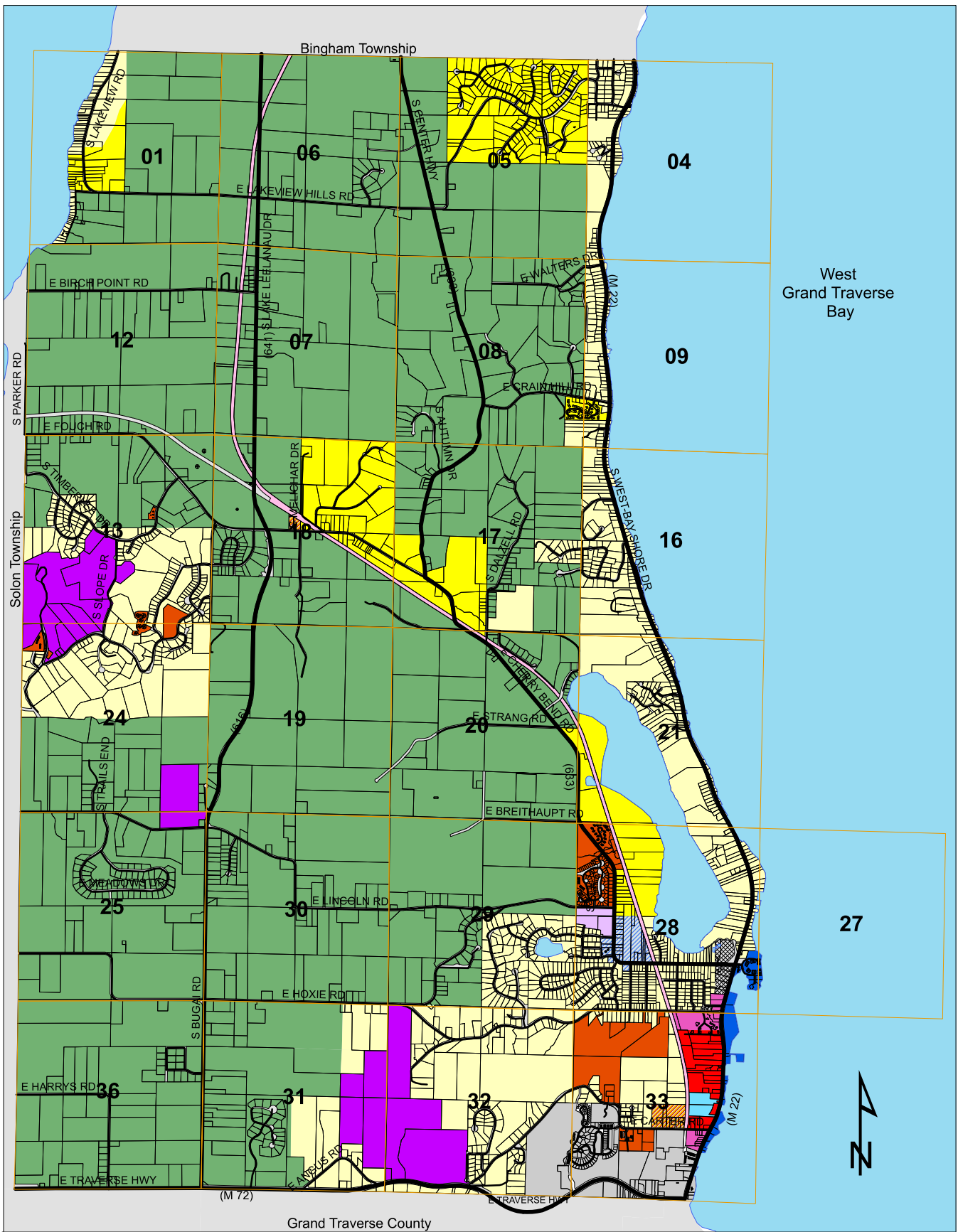


200803.01
1

Wetlands
Elmwood Township
Leelanau County, Michigan

200706
AS NOTED
DATE
02/11/06





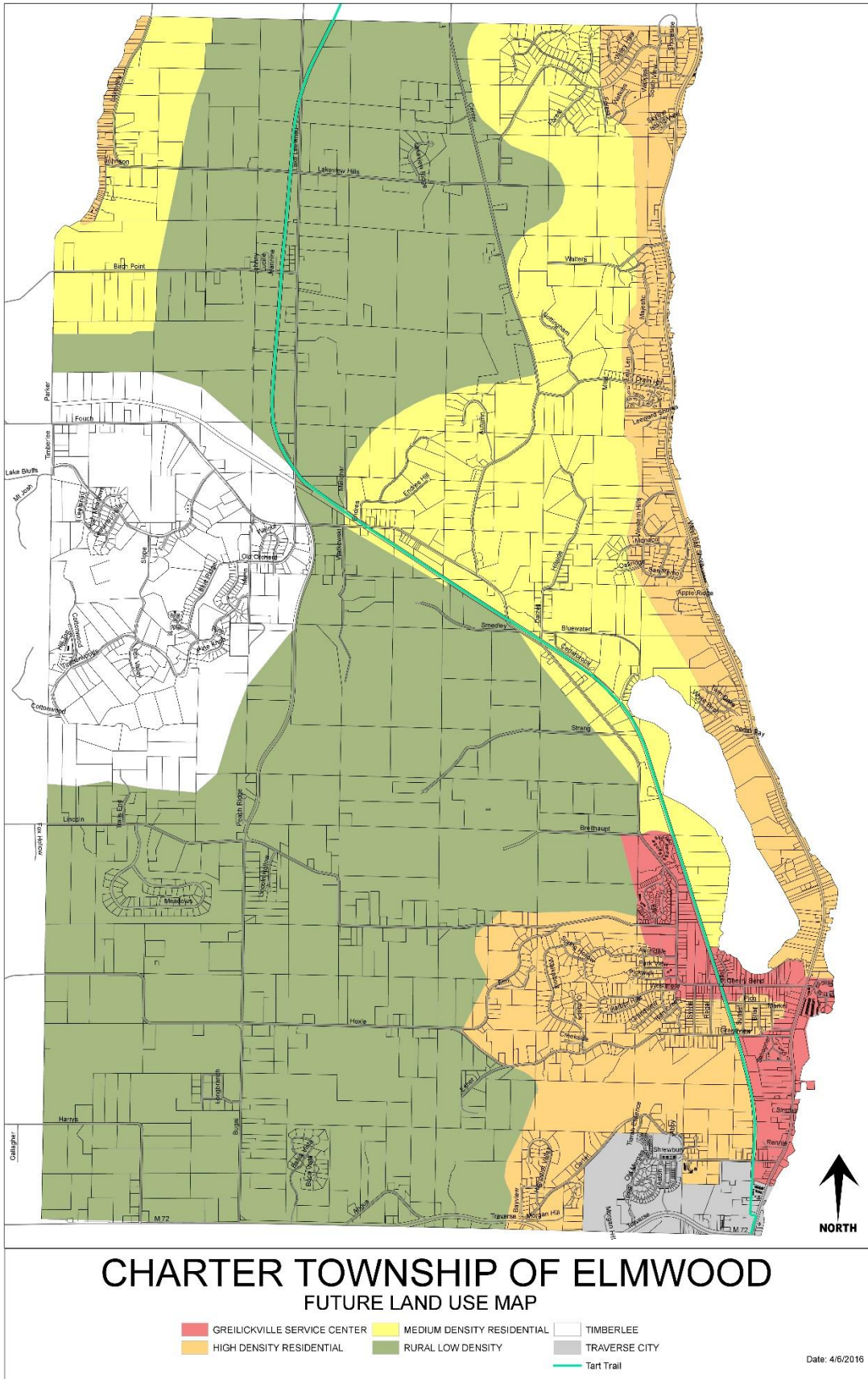
CHARTER TOWNSHIP OF ELMWOOD

OFFICIAL ZONING MAP

Zoning District

- | | | | |
|---|--|---|--|
| Agricultural | Rural Resort | Commercial 4 | Shoreline Commercial 2 |
| Residential 1 | Commercial 1 | Municipal Center | Traverse City |
| Residential 2 | Commercial 2 | Neighborhood Commercial | TART Trail |
| Residential 3 | Commercial 3 | Shoreline Commercial 1 | |

As amended by:
 Ordinance No. 2013-04, adopted 08/12/13, effective 08/29/13
 Ordinance No. 2014-03, adopted 05/12/14, effective 05/22/14
 Ordinance No. 2015-2, adopted 05/11/15, effective 05/28/15
 Ordinance No. PC ZO 2016-01, adopted 08/08/16, effective 09/02/16



2 - Greilickville Harbor Park Plan
Site Plan

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Map Legend

- 1 Barrier-Free Beach Access
- 2 Public Swimming Beach
- 3 Wood Boardwalk Overlook
- 4 Grill Areas
- 5 Picnic Pavilion
- 6 Play Structure
- 7 Sand Volleyball
- 8 Natural Raingarden
- 9 Bicycle Parking
- 10 Pedestrian Bridge
-  Family Style Restrooms

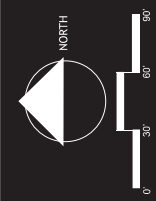


GREILICKVILLE HARBOR PARK



Gosling Construction
 ENGINEERS ARCHITECTS
 200 Spring Hill Drive
 Greilickville, Michigan 49730
 Tel: 269-411-1800 Fax: 269-411-1800

PROJECT:	Parks, Recreation, Open Space and Greenways, Plan Update
CLIENT:	Elmwood Township, MI
DATE:	07-20-11
SCALE:	20:1 (B3.0)
REVISIONS:	As Noted



Greilickville Harbor Park

Existing Facilities Inventory

Elmwood Township, Michigan

3 - Elmwood Township Marina

Elmwood Township Marina Master Plan

Elmwood Township Marina Phasing Plan

Elmwood Township Marina Winter Programming Plan

Waterfront District Framework Plan

Elmwood Township Marina Facility Maintenance Procedures and Daily Checklist

Elmwood Township Marina Marketing Plan

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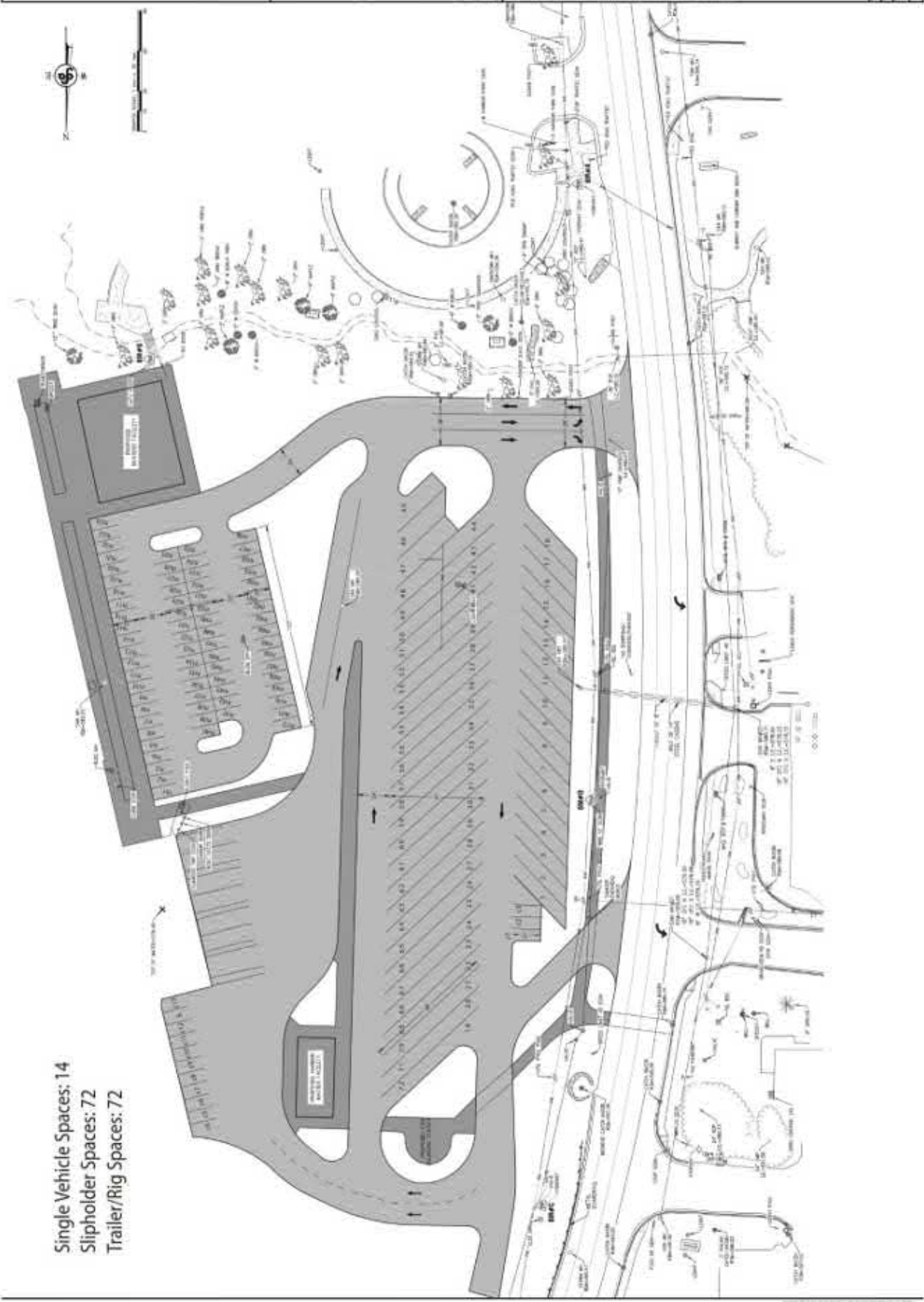
2. Overall Schematics

2.1 2016 Updated Conceptual Plan



2.2 QhYDU#Topographic : YUifYg

On following oversized page.



Single Vehicle Spaces: 14
 Slipholder Spaces: 72
 Trailer/Rig Spaces: 72

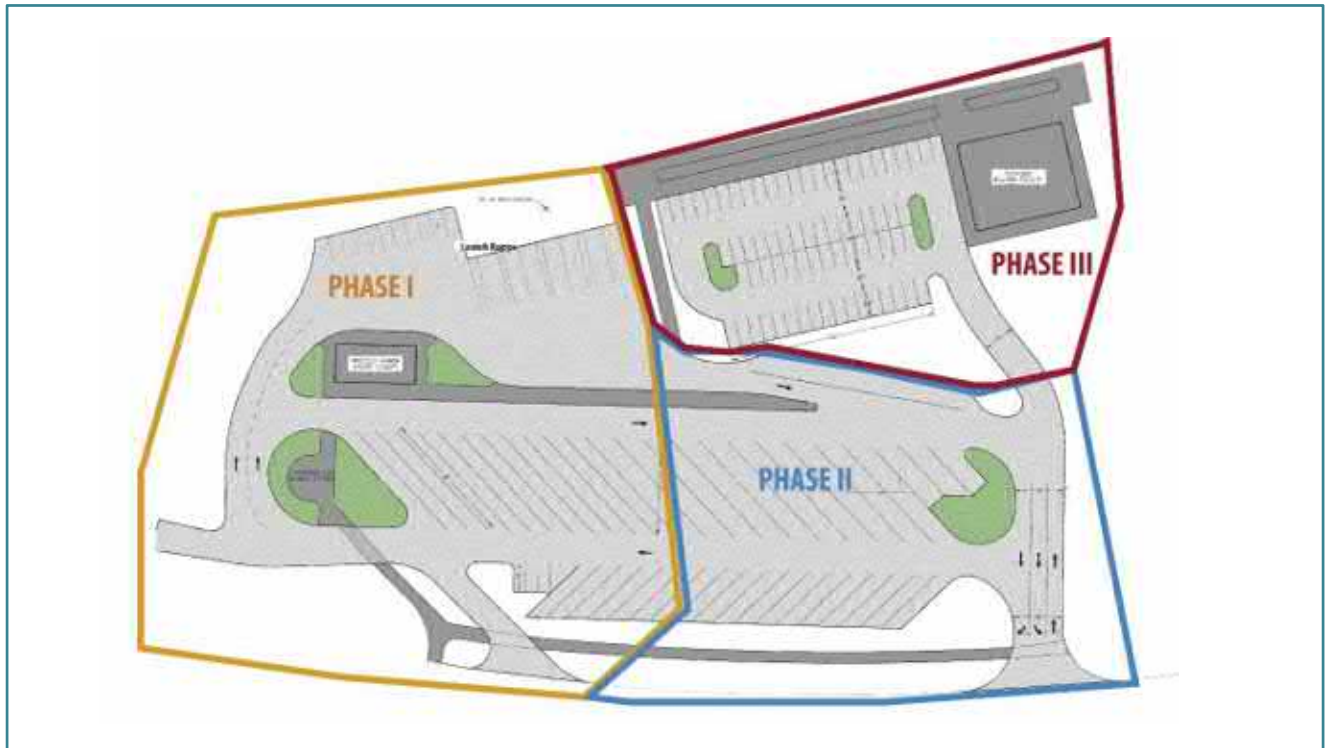


Figure: Graphical Illustration of Phases (Grant Dependent)

Narrative Explanation of Phases

When the team developed this scenario we tried to be considerate of all the facility users, and reduce the impact of each phase as much as possible. In Phase I, we propose a winter bid and start construction as soon as possible in the spring on a fast-track schedule to finish before May 15. It is reasonable to expect that early launch users and Centerpointe traffic will be mostly affected during this phase, and they would have to use a temporary access road for a short time (approximately a week). The launch may also be closed for a short period while the drive is repaved, but an alternate temporary entry/exit could be used at other times.

Phase II encompasses a large area of paving, and some waterfront work, so again we would propose a winter bid and start construction as soon as possible in the spring on a fast-track schedule to finish before May 15. Phase III, which includes the new boater’s facility, would bid in the winter again as well and construction would commence as soon as the boats leave the water in late summer. Under a fast-track schedule the existing comfort station would come down, the new paving would be installed and the new building would be closed in before winter. Interior building work would continue through the winter with the facility being ready for slipholders on May 15. Estimates for the new comfort station could vary widely depending on amenities and other features.

	<u>Phase Construction</u> <u>Estimate Totals</u>	<u>Notes</u>
Phase I	\$1,401,510.00	Includes new harbormaster bldg. (\$500,000) & fish cleaning station
Phase II	\$607,167.00	
Phase III	\$2,364,879.00	Includes new (\$1M) boater’s comfort station
Buildout Total	\$4,373,556.00	



Marina Winter Programming Concept

Advantages:

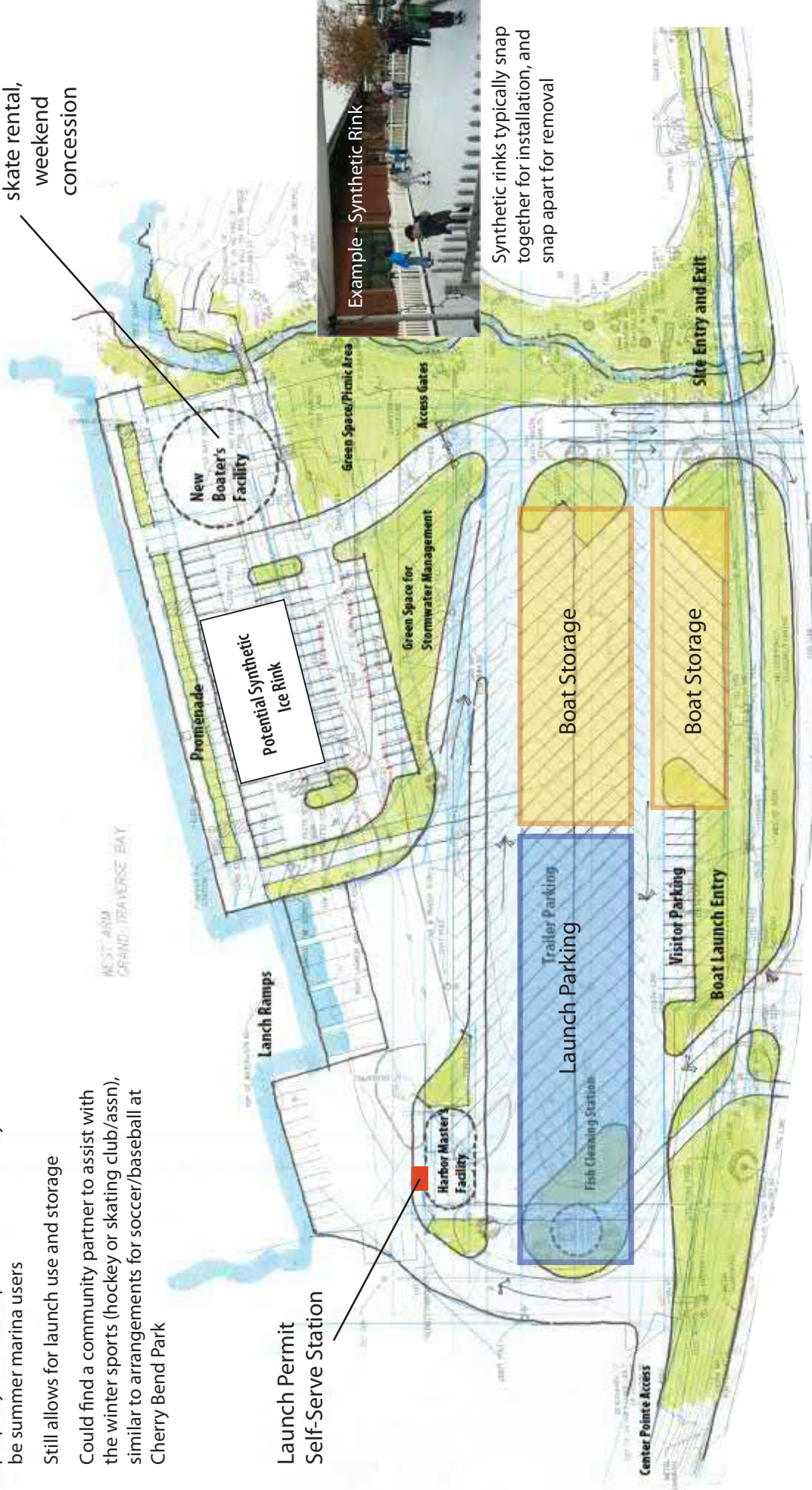
- Multi-use opens more avenues for funding
- Builds synergy with the park next-door
- Creates more recreational opportunities on the property for township residents who may not be summer marina users
- Still allows for launch use and storage
- Could find a community partner to assist with the winter sports (hockey or skating club/assn), similar to arrangements for soccer/baseball at Cherry Bend Park

Use facility for skate rental, weekend concession

Launch Permit Self-Serve Station



Synthetic rinks typically snap together for installation, and snap apart for removal





DISTRICT WIDE INITIATIVES

- 1 M-22 RIGHT-OF-WAY IMPROVEMENTS**
 - ENGAGE MDT TO STUDY LANE RECONFIGURATION ALONG CORRIDOR
 - LANDSCAPE ENHANCEMENTS
 - DISTRICT WAYFINDING AND SIGNAGE
 - CORRIDOR ACCESS MANAGEMENT PLAN
 - PEDESTRIAN ACCESS (WALKS AND X-INGS)
- 2 CORRIDOR REDEVELOPMENT**
 - DEVELOP PUBLIC-PRIVATE PARTNERSHIPS WITH KEY STAKEHOLDERS
 - IDENTIFY STRATEGIES AND LEVERAGE POLICIES IN SUPPORT OF CORRIDOR REINVESTMENT
 - CONCENTRATE DEVELOPMENT EFFORTS AROUND A CENTRAL CORE
 - MODIFY ROAD NETWORK TO SUPPORT REDEVELOPMENT - REALIGN GRANDVIEW DRIVE THROUGH BREWERY CREEK PROPERTY
 - DESIGN ARCHITECTURE AND STREETS FOR PEDESTRIAN AND VEHICLES
- 3 DISTRICT PARKING STRATEGIES**
 - DEVELOP SHARED PARKING RESOURCES
 - UTILIZE PEAK-SEASON SHUTTLE/TWINEY SERVICE
 - LOCATE PARKING IN REAR OF FUTURE DEVELOPMENT
- 4 DISTRICT CONNECTIVITY**
 - ENHANCE UPON RECREATIONAL INFRASTRUCTURE (TRAIL, TRAIL AND EXISTING OPEN SPACES) TO CREATE A BROADER TRAIL NETWORK
 - INCREASE PUBLIC ACCESS TO THE BAY WITH PASSIVE RECREATIONAL TRAIL ALONG M-22 ROW (EAST SIDE)
 - PROVIDE LINKS TO FUTURE FISHING PIER AND DATED T.C.L.P. PROPERTY
 - IMPROVE PEDESTRIAN LINKAGES WITH IMPROVED LIGHT TRAIL (M-22)
- 5 ENVIRONMENTAL**
 - EMPHASIZE NATURAL RESOURCES OF DISTRICT TO CREATE AN AUTHENTIC WATERSHORE EXPERIENCE
 - RESTORE AND ENHANCE BIODIVERSITY FROM TRAIL TO BAY
 - UTILIZE AND INTERPRET THE DISTRICT'S NATURAL RESOURCES AS EDUCATIONAL OPPORTUNITIES
- 6 ELMWOOD TOWNSHIP MARINA / GREILICKVILLE PARK**
 - REDEVELOP LANGUAGE OF MARINA TO ENHANCE BOATER EXPERIENCE AND IMPROVE FACILITIES, PARKING AND PUBLIC ACCESS
 - CREATE LINKS TO BIODIVERSITY PROPERTIES THAT PROMOTE PUBLIC ACCESS AND PEDESTRIAN SAFETY
 - INSTALL FISHING PIER WITH EXISTING ARMOR STONE REVETMENT

LEGEND	
[Red Box]	DEVELOPMENT BLOCK
[Pink Box]	EXISTING DEVELOPMENT
[P in Circle]	PARKING
[Green Box]	RIPARIAN CORRIDOR
[Yellow Box]	DEVELOPMENT OPPORTUNITY
[Light Green Box]	VEGETATED/ECOLOGICAL IMPORTANCE
[Circle with Dashed Line]	DISTRICT GATEWAY
[Blue Line]	EXISTING ROAD
[Black Line]	PROPOSED ROAD
[Dashed Line]	WALKING RADI (5-MIN INTERVAL)
[Purple Line]	EXISTING PEDESTRIAN X-ING
[Green Line]	PROPOSED PEDESTRIAN X-ING
[Brown Line]	EXISTING TRAIL
[Red Line]	PROPOSED TRAIL
[Blue Line]	EXISTING WATERWAY AND BUFFER

Elmwood Township Marina

Peter J Moon Harbormaster

10090 E. Lincoln Road Traverse City MI 49684 elmwoodmarina@gmail.com 231-499-5422

Maintenance Procedures for Physical Grounds of Marina

Winterization October 15-31

All winterizing must be done under the direct supervision of the harbormaster or his designated supervisor. These procedures are very important since if they are not done properly can result in thousands or tens of thousands of dollars in damages. All winterizing fluids must be suitable for respective use; i.e. drinking fountains and sinks need RV antifreeze. These fluids should be rated 30 degrees below zero or lower.

- Drain and blow out all water line in docks A, B, & C
- Test deicers electric propellers and blowers for bubblers
- Install electric propeller deicers and set appropriate temperature controls
- Remove navigational buoys and place magnetic power supply preserves in place.
- Remove all swim buoys from park
- Remove all 28 mooring field buoys
- Power wash all in-water buoys and clean from the bottoms barnacles and algae
- Remove all life- throw rings, AED and First aid kits from outside
- Remove all fire equipment from cases and store inside the utility room
- Disconnect fire hoses and open valves for blow-out leaving them ½ way empty for safety
- Winterize drinking fountains and wrap in water tight plastic
- Remove dinghy dock at south end of marina
- Turn off all water main valves found in the utility room
 - Boater's bath
 - Public bath
 - A- Dock
 - B- Dock
 - C- Dock
 - Utility room
 - Lawn sprinklers
- Winterize pump-out and add RV antifreeze to insure against winter freeze-up
- With compressor- blow out all docks isolating each one to prevent back-flow
- Winterize all buildings using pipe drainage system for bathrooms
- Flush RV antifreeze through toilets
- Drain water heaters and leave valves open
- Disconnect laundry washers and dryer and drain washer
- Remove all drain stops in each shower and leave open
- Open all valves in sinks
- Open all valves to outside building spigots
- Blow out with compressor the lawn sprinkler systems
- Add fuel stabilizer to stored gasoline and diesel for winter

- Move all vehicles, lawn mowers, tractor, boat motor, gas powered water pump and power washing equipment to old fire-barn for seasonal maintenance and service
- Remove all picnic tables and store under pavilion
- Remove all gas grills place LP tanks in storage area and store grills in boater's bath hall
- Remove south end dinghy dock from water and store on south lawn for winter
- Turn off all non essential circuit breakers to buildings

Winter Maintenance November thru April

Throughout the winter months the harbormaster or deputy harbormaster will inspect the marina weekly for ice damage, bubbler and circulatory electric motors for operation and effectiveness of keeping the docks ice free.

- Inspect office and all buildings for any weather or animal related incidences of damage
- Plow a fire lane to all buildings and docks
- Shovel path to the office and utility room

Spring Start Up typically April 15 (or whenever weather allows)

- Remove and restore gas grills to their locations including pavilions, boater's picnic area near A-Dock
- Remove and restore picnic tables to their locations including pavilions, boater's picnic area near A-Dock and one in front of the office
- Replenish all fuel containers
- Bring all power equipment from fire barn
- Complete dock inspections on A, B, C and all launch docks look for
 - Loose or warped boards
 - Weather related damage
 - Animal damage
 - Piling displacement by ice
 - Loose cleats
 - Crooked or loose 4x4 or 6x6 vertical boards
 - Nail pops
 - Inspect anchorages
- De-winterize pump-out and inspect and replace as needed hoses and fittings
- Remove Deicer electric props from C-Dock and power wash before storing
- De-winterize all Dock potable water, close all valves
- Flush water system
- Replace all fire equipment in respective locations
- Request FD to inspect 6" fire suppression lines with standpipes
- Replace all throw rings to respective posts
- Inspect and replace all navigational buoys
- Inspect and replace all anchorage buoys
- Request diver to inspect anchorage chains on buoys

- Inspect and replace all swim buoys
- De-winterize all buildings
- Replace all drain caps, toilet fixtures, shower plugs and flush system with fresh water
- Close drains on hot water heaters, re-fill and light
- Inspect boat launch for any winter damage and all boards, vertical bumpers and cleats for damage looseness or wear
- Restore dinghy dock to south end entrance for outside moorings
- Replace IED and First aid to respective locations
- Restore power to all systems testing as power is restored
- Inspect all roofing, painted surfaces and buildings for any damage sustained through winter and repair appropriately
- Inspect all floor tile and counter tops for any delaminating and repair appropriately
- Inspect all lighting fixtures and replace ballasts and bulbs as needed
- Have licensed plumber inspect all backflow preventers and certify them good
- Inspect spigots for leaks and hose backflows
- Have licensed electrician inspect all GFI circuit alarms and certify them good
- Inspect pedestal GFI
- Inspect all photo cells
- Inspect pedestal lighting
- Oil all door hinges
- Test all electrical switches and bathroom GFI
- Reconnect the laundry washers and dryers and test for operation
- Replace all trash receptacles
- Restore and flush all drinking fountains
- Contact all contractors for summer resuming services
- Remove and store mast storage rack
- Close drains and recharge sprinkler system
- Set timer for appropriate timing and days of water
- Inspect rain-sensor make sure it stops the system when wet
- Run sprinkler system zone by zone and make sure all heads are watering properly
- Contact fertilizer company for service through summer

Summer Maintenance May 1 thru October 31

- Keep lawn mowed to 3 ½ inch height
- Cut down all dune grasses
- Weed flowerbeds
- Plant flowers
- Place potted plants around boater's pavilion, boater's bath and office areas
- Place hanging flower baskets at entrances of each dock and in-between on permanent hooks
- Edge all sidewalks
- Sweep and inspect parking lot
- Repair asphalt as needed

- Stripe as needed
- Maintain docks
- Daily spider web patrol
- Clean and maintain boater and guest facilities
- Maintain that all marina users are in compliance and have proper permits

All throughout the year we regularly check systems and address boater issues as they arise.

Elmwood Township Marina is dedicated to providing all people of all boating types access to Lake Michigan with a safe, accessible and friendly marina experience.

Daily Task List

Marina Employee D.T.L.

Date: ___/___/___

****NOTE: Tasks will now be checked daily by the supervisor or office staff. If a task is signed off and not thoroughly completed, you will be asked to do it again. Make sure you read the full description of each task and follow accordingly. Absolutely DO NOT sign off on a task that you have not completed. Take your time and do the job right.**

**** Absolutely NO standing around in the office, if you turn in a completed DTL check the WTL and/or ask Mark or office staff for something to do.**

**** If in any way you are unsure about any of these tasks, ASK Mark or office staff.**

_____ 1) Clean public restrooms

- _____ Clean ALL mirrors with Windex and paper towels
- _____ Spray sinks and countertops with cleaner and wipe clean with paper towel
- _____ With cleaner spray and clean inside and outside of stalls with paper towel or hot soapy rag
- _____ Use cleaner (Stix) and scrub with brush every toilet bowl and urinal
- _____ Spray cleaner (AF-79) over the entire toilet (on top, under seat, on top of seat, and around the floor) and wipe clean with paper towel. *NOTE Wipe seat with separate, clean piece of paper towel
- _____ Spray with cleaner (Windex or Deep Blue) ALL toilet paper dispensers and wipe clean of dust
- _____ In ladies restroom check and empty all sanitary boxes and replace brown bag
- _____ Check and fill all soap levels, if soap is more than a third empty fill it
- _____ Check ALL toilet paper and paper towel levels.
- _____ Empty trashes (if trash is at least a third full empty it, never push it down)
- _____ Consolidate all cleaning supplies in back room, make sure all supplies are neat and put in places so that they are easy to fill and find.
- _____ Thoroughly sweep the floors in bathrooms and stalls
- _____ Mop the floors with hot water and cleaner (becto lemon)
- _____ Scrub with floor brush all footprint marks on floors with hot soapy water (becto lemon OR bleach)
- _____ Make sure that there are no spider webs anywhere to be seen. (Corners, underneath the sinks, lights, mirrors, exc.)
- _____ Wipe down with paper towel and cleaner the top and "flap" of the trashcans
- _____ Remove rug and sweep rug outside

_____ 2) Clean boater's bathrooms.

- _____ Clean ALL mirrors with Windex and paper towels
- _____ Spray sinks and countertops with cleaner and wipe clean with paper towel
- _____ With cleaner spray and clean inside and outside of stalls with paper towel or hot soapy rag
- _____ Use cleaner (black bottle) and scrub with brush every toilet bowl and urinal
- _____ Spray cleaner (red bottle) over the entire toilet (on top, under seat, on top of seat, and around the floor) and wipe clean with paper towel. *NOTE Wipe seat with separate, clean piece of paper towel
- _____ Spray with cleaner (Windex or red bottle) ALL toilet paper dispensers and wipe clean of dust
- _____ In ladies restroom check and empty all sanitary boxes and replace brown bag

- _____ Check and fill all soap levels, if soap is more than a third empty fill it (shower and hand soap)
 - _____ Check ALL toilet paper and paper towel levels.
 - _____ Empty trashes (if trash is at least a third full empty it, never push it down)
 - _____ Consolidate all cleaning supplies in supply closet. Make sure all supplies are neat and put in places so that they are easy to fill and find.
 - _____ Thoroughly sweep the floors in bathrooms, stalls, hallway and showers
 - _____ Mop the floors with hot water and cleaner (bleach lemon)
 - _____ Make sure that there are no spider webs anywhere to be seen. (Corners, underneath the sinks, lights, mirrors, exc.)
 - _____ Wipe all tiles in showers with cleaner
 - _____ With cleaner (Windex) spray shower handles and wipe clean (until all water marks are gone)
 - _____ Check all shower mats and make sure they are free of soap scum or hair, if in anyway unclean remove from showers and power wash them
- _____ 3) Check and empty ALL trash in the marina. If trash can is more than a third full empty it
 - _____ 4) Sweep and/or spray ALL goose poop throughout the marina (along sea wall, docks, parking lot, launch, and sidewalk)
 - _____ 5) Brush off ALL spider webs in marina. A, B, and C dock (including finger posts, the sea wall, launch, buildings, the outside of office, benches, and the bridge)
 - _____ 6) Water hanging plants and potted plants (if needed)
 - _____ 7) Check and wipe down all tables in marina
 - _____ 8) Walk the parking lots to pick up any trash and cigarette butts
 - _____ 9) Check along the side of the road, fence, and dingy storage areas. No trash should be anywhere but the dumpster
 - _____ 10) Wipe down the top of the ICE machine and the suggestion box
 - _____ 11) Sweep rocks off the pavement back on the edge in ALL parking lots
 - _____ 12) Check all throw rings; make sure rope is wrapped accordingly in tube and ready for use
 - _____ 13) Clean the grills, make sure the tops are free of dust and dirt
 - _____ 14) Rake any debris out of the marina picnic area down by the creek
 - _____ 15) Sweep and mop back room floor and clean out mop bucket, make sure all is clean and organized
 - _____ 16) Take out trash in back room.
 - _____ 17) Wipe down with rag all light boxes on docks of bird and spider poop
 - _____ 18) Clean out ALL bathroom lights inside and out, NO spider poop or dead bugs left
 - _____ 19) Clean ALL drinking fountains
 - _____ 20) Clean laundry room, sweep, mop, and wipe down everything
 - _____ 21) Clean out pump out boxes of gloves and any debris and spiders

Appendix 4 – Elmwood Marina Marketing Plan.....A-4
Elmwood Township Marina Marketing Plan



Elmwood Township Marina is not only a centerpiece for surrounding community, but also the gateway to Leelanau County and a regional attraction sought by several different user groups. The fully functional marina plays hosts to both seasonal and transient boaters, many of which come from miles away to enjoy the marina's immediate amenities, rich local culture and an abundance of recreational opportunities within the surrounding area. Though this facility may be known within certain groups, many of the marina's most important attributes and connections to the community are often unrealized by the public simply because they are unaware. The marina has recently been the subject of a major planning process to facilitate future upgrades and as these plans soon become realized, it will be important to continue to emphasize the relationship Elmwood Township Marina has with the local public and boating community as a whole.

The development of this marketing plan is intended to guide Elmwood Township and the Marina Committee in the promotion of the marina and its connections to the surrounding community. This plan supplies a framework for identifying the Marina's current situation, major marketing goals and objectives, implementation strategies and anticipated outcomes of specific marketing efforts. Given the presence this marina has within the community, it is important to not only highlight the physical assets of the marina, but also reinforce the connections the marina has with the community through existing and future public/private relationships. This plan will guide the Township in developing new partnerships by providing opportunities to outside groups with similar interests and promote year-round usage that connect the marina to other township recreation facilities and resources through various events and activities.

Marketing Plan Sections Include:

1. Situational Analysis
2. Major Marketing Goals and Objectives
3. Implementation Strategies
4. Anticipated Outcomes



1. SITUATIONAL ANALYSIS

It will be important to continually analyze the current situation of operations, facility needs, user demands and opportunities available to connect with the community. This analysis will help frame future marina marketing efforts in several ways, including, identifying any need to fill seasonal and transient slips, promoting upcoming short or long term marina improvements, and even highlighting new renovations or special events to be held. These factors should drive the marina's future marketing efforts in attempts to achieve set goals and objectives, which can change over time based on any number of factors. This analysis should allow the Township and Marina Committee to develop longer term goals based on deficiencies or opportunities found in their self-assessment and should be used internally to guide marketing efforts.

The current situation of the marina is in good operational standing with regards to seasonal and transient slip demand. There is currently a waiting list for seasonal slip holders and transient slip demand continues to be strong year-after-year. This high demand is achieved with minimal marketing effort by the Township and is more reflective of the availability of local resources and proximity to the downtown Traverse City area. This constant demand is anticipated to continue with no additional marketing needed to sell slips; **therefore, marketing of the marina should focus on highlighting current and potential partnerships with the community and promote special events taking place at the marina or it's adjacent Township owned facilities.**

2. MAJOR MARKETING GOALS AND OBJECTIVES

The major marketing goals should be developed out of the current situation analysis and be the driver for where the marina wants to allocate their marketing resources to achieve individual identified goals. Currently, with strong and continued demand for seasonal and transient slips, the marina's marketing efforts should not focus on selling slips, but rather advertising the marina's presence within the community, the larger Grand Traverse Bay area and the Great Lakes Region. This community presence can be displayed by describing the ways the marina maintains existing and fosters new partnerships with the community, plays host for special events throughout the year, is a "Gateway to the Bay", promotes economic activity in the area and encourages circulation to other area attractions via multiple connections utilizing various modes of transportation.

Goal: Promote Existing Marina Events, Community Partnerships and Physical Assets

Objective: Market Current Elmwood Township Marina Special Events and Partnerships with the Community which include:

- Wednesday night sail races during season
- Facilitating regattas by providing available dockage and amenities
- Tournaments and league events for the Grand Traverse Area Sport Fishing Association
- United Boaters of Elmwood Township (UBET) Blessing of the Fleet and numerous other Harbor activities
- MDNR fish stocking activities
- Coast Guard auxiliary training location with MDNR boat launch
- Provides space for municipal police and fire departments during 4th of July fireworks
- Facility used in commercials for boats, RV's, and other recreational products and services
- Facility and operations provide commercial, marine service and various construction opportunities to local businesses

Objective: Market Current Desirable Elmwood Township Marina Physical Assets which include:

- An important entity of the larger Waterfront District and Greilickville Commercial Corridor which includes a half-mile of shoreline dedicated to boating use, water recreation and historical boating education
- Provides the largest and deepest boat launch in the Traverse City area and is known as a "Gateway to the Bay"
- Immediate proximity to pedestrian trail networks that connect to numerous local and regional attractions
- Adjacent to newly renovated Greilickville Harbor Park which provides picnic facilities, grills, restrooms, playground equipment and accessible public beach
- Floating Docks, 150 Seasonal (30'-40') & 21 Transient Slips (25'-40'), 17 Moorings Inside & 11 Moorings Outside Harbor, 30 & 50 Amp Dockside Electric, Pump-Out, ADA Accessible Slips, Parking for Trailers up to 50', Winter Storage, Waterfront & Pavilion Grills, Shopper's Dock, Picnic Area, Free Wi-Fi, Clean Public Restrooms and Private Bathrooms with Showers, Laundry Facility, Library, Ice and Refreshments

- Gas, Diesel Fuel and other boater amenities located at nearby facilities

Goal: Pursue Opportunities to Develop New Marina Events and Foster New Community Partnerships

Objective: Market Potential Elmwood Township Marina Special Events and Partnerships with the Community which may include:

- Promote connection to other Elmwood Township parks through various overflow events utilizing other adjacent facilities (Greilickville Harbor Park)
- Continue support for local businesses and non-profits in the area by creating advertising opportunities by providing maps, coupons/deals, signage on marina shuttle service, advertising on marina website, and information packets about the area to marina users and facility visitors
- Pursue grant finding to leverage local dollars
- Hold boat product and gear “Swaps” at the facility
- Provide educational opportunities for local schools or field trip groups
- Collaborate with smaller groups (paddling, sports, triathlons, kayaks, diving club, etc.) to utilize marina facilities and surrounding spaces when not in conflict with day-to-day operations
- Promote off-season/winter activities and events such as special winter festivals, ice skating, show shoeing, etc.
- Initiate “Harbor Days” festival similar to other marina’s in the Great Lakes Region
- Facilitate opportunities such as fishing charters, dive charters and dinner cruises
- Utilization of the marina and facilities by businesses to use for their own marketing purposes, such as filming commercials or photo shoots (boat manufacturers, truck/trailer/RV manufacturer’s, etc.)
- Pursue facilitating more power boat and sail boat shows, along with non-motorized watercraft
- Pursue and obtain notable certifications such as Michigan Clean Marina or new building LEED status
- Facilitate off-shore boat races and associated gathering events and/or operational space
- Provide use of the marina facilities and harbor during the empty “fringe” months for experience and educational events such as diving classes, boater safety training, ice fishing expo, etc.

Goal: Develop a Specific Identity or Brand for Elmwood Township Marina for Marketing and Advertisement Purposes

Objective: Work with Elmwood Township, the Parks and Recreation, Planning and Zoning Departments and Leelanau County to brand the marina in conjunction with larger Elmwood Township efforts to:

- Develop an Elmwood Township Marina mission statement that should be an all-encompassing description of the marina’s commitment to the community and the desire to provide access for all user types, both boaters and non-boaters. The statement should be one that can be displayed to the public and represent the marina and its mission on any platform whether it be the marina’s official website, site signage, state harbor advertisements or outreach material designed for public distribution.

- Identify the Marina’s place within the larger waterfront to help achieve goals set forth in the Elmwood Township Waterfront District Master Plan (JJR, 2012), specifically, creating a waterfront destination and brand
- Consolidate coined phrases for the marina such as “Gateway to the Bay”, “Port Leelanau”, and “Gateway to Leelanau” to avoid confusion and create a specific identity moving forward
- Support Elmwood Township, the Parks and Recreation and Zoning Departments, and Leelanau County in developing a larger branding effort for Elmwood Township and their municipal and parks and recreation facilities

3. IMPLEMENTATION STRATEGIES

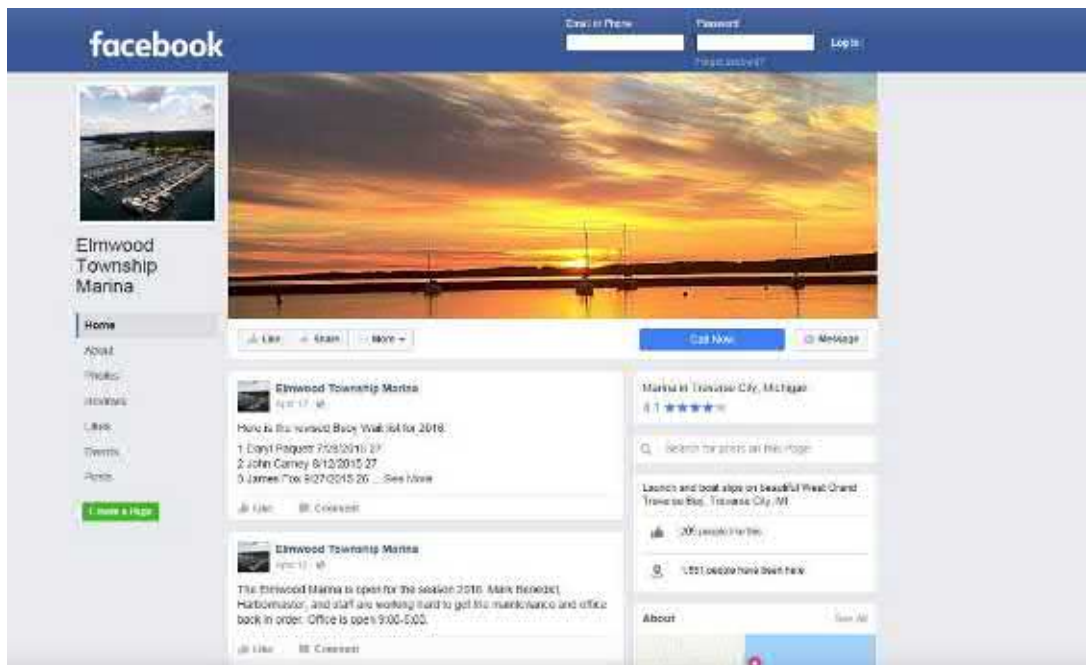
Once the major goals and objectives are outlined and a path is determined to guide the Marina’s marketing efforts, it will be important to determine the best method and outlet to market specific elements. It will be important to continue developing unique ways of promoting current and potential Marina Events and Community Partnerships while managing Township staff marketing time and costs. Based on the target market or user, several different approaches can be developed whether through direct contact, handouts and pamphlets, or through various internet resources. Some of these implementation strategies could include:

- Connect with business through the local Chamber of Commerce and expressing interest in partnering to achieve mutually beneficial local business/Marina relationships.
- Encourage larger governing bodies (county, region, state, etc.) to market the marina and events through their own relationships and media outlets
- Pursue 2017 Waterway’s Commission grant-in-aid funding for future marina infrastructure improvements
- Standardize marketing and branding efforts throughout Elmwood Township, Parks and Recreation Facilities and the Elmwood Township Marina. Tie into existing marketing efforts for a consistent look and recognizable direct affiliation to the Township.
- Encourage newspaper, radio and TV stations to market the marina and events at the local and state-wide level



Elmwood Township Marina Website

- Update on a regular basis special event information, marina upgrades, facility accomplishments, important statistics and new/existing community partnerships on the Elmwood Township Marina website (www.elmwoodtownshipmarina.com)
- Maintain social media accounts (Facebook, Twitter, etc.) for the Marina or through main Township accounts to promote events and goings-on
- Develop a digital newsletter (quarterly during the year or monthly/bi-monthly during boating season) to be distributed via-email to seasonal slip holders, transient boaters, mailing lists and made available on the marina website
- Digital signage at or approaching the Marina on M-22 that can advertise special events
- Continue an updated presence on major marina information websites (i.e. www.marinas.com)



Elmwood Township Marina Facebook Page

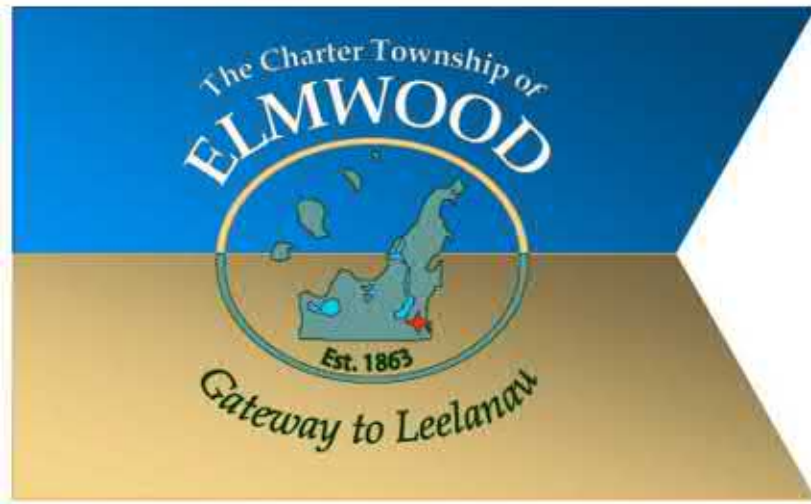
4. ANTICIPATED OUTCOMES

The goal of marina marketing efforts should be two-fold. One, to highlight the marina as part of the larger community by promoting current facility special events and demonstrating existing partnerships with various community groups and local businesses. The other is to develop a plan that will increase engagement and target new user group partnerships that would be mutually beneficial for all parties involved. Both goals help enhance the recognition Elmwood Township Marina as an important centerpiece of the larger Waterfront District and Greilickville Commercial Corridor while distinguishing itself as its own operational entity.

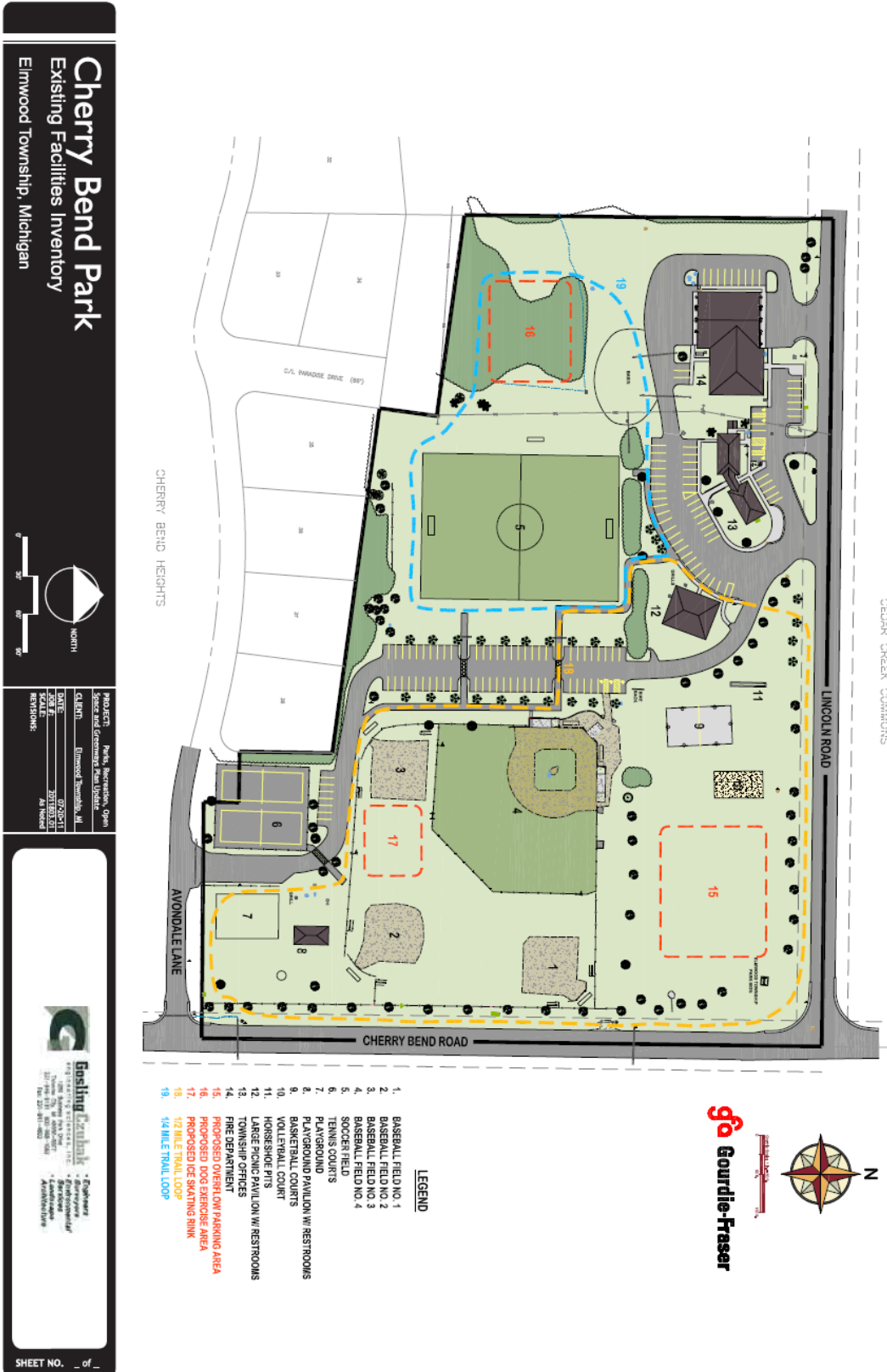
By developing a defined marketing strategy, and with thoughtful implementation, these goals should be easily achieved and provide tangible outcomes. The expected outcomes of these efforts would be:

- Increased presence within the immediate community, Leelanau County, Grand Traverse Bay and the Great Lakes region

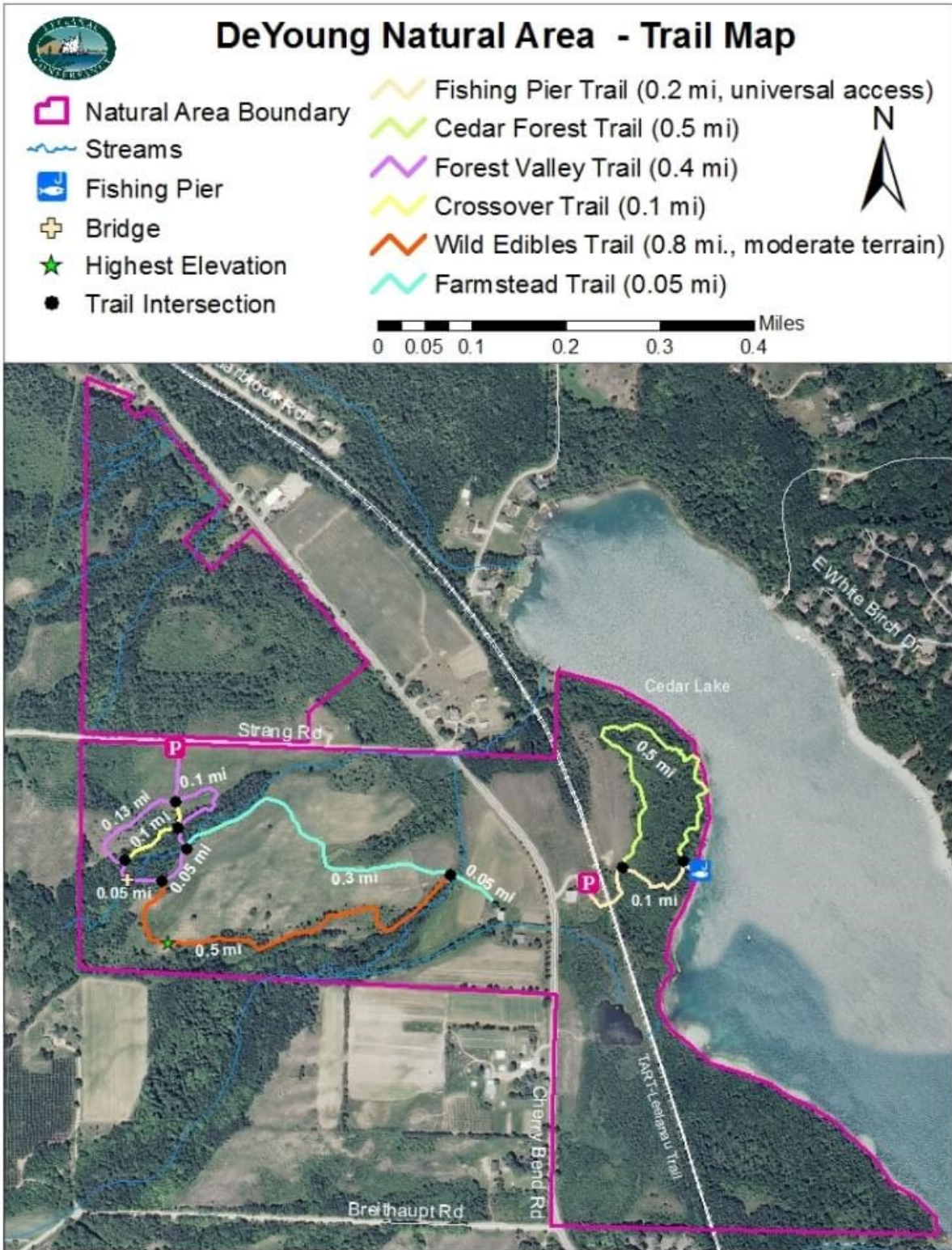
- Reflect the importance of the Marina as a larger piece of the Greilickville waterfront and tie these spaces together through special events
- Generate mutually beneficial relationships with local business by creating direct and indirect business and marketing opportunities
- Promote year-round activities for the marina and surrounding public spaces
- Increase awareness of Elmwood Township and the Marina's efforts within the community
- Educate not only the residents and seasonal slip holders, but also the transient boaters and visitors from afar about the shopping, dining, historical and recreation opportunities within the local and regional areas



4 - Cherry Bend Community Park
 Site Plan from 2018 Parks and Recreation Plan (GFA)



5 - DeYoung Natural Area
 Facility / Trail Map





Leelanau 2020: Your (Natural) World By The Numbers

By Emily Tyra | Dec. 30, 2020

Whether it's an overlook-turned-media-darling, the most showstopping fall color year (https://www.leelanauticker.com/news/why-is-leelanaus-fall-color-so-spectacular-this-year-an-expert-explains/) in Leelanau's collective memory, a would-be development becoming a village's first preserve, or a protective bird-dad (https://www.facebook.com/LeelanauTicker/posts/189650755967899) fighting for his nests' survival, the peninsula's natural world and wide-open spaces have proven to spark both pride and conversation among *Leelanau Ticker* readers and followers. Here's a zoomed-in look at 2020, by the numbers.

5: Family farms protected this year by the Leelanau Conservancy. One of the most talked about was the Mawby family homestead (https://www.leelanauticker.com/news/the-mawby-homestead-in-suttons-bay-is-forever-protected-and-for-sale/), which is protected into perpetuity and also for sa

FEATURED VIDEOS



8: Water quality advisories issued by the Benzie/Leelanau District Health Department (BLDHD) at beaches across the two counties (Northport Marina Beach – 3; South Bar Lake Beach – 1; Suttons Bay Marina Beach – 2; Beulah Beach – 2). That's a pretty good report card, according to J. Eric Johnston, environmental health director at BLDHD. He says all of the advisories, with the exception of one at Beulah Beach, are attributed to runoff from large storm events. He adds, "our region is fortunate to have high water quality due to the efforts of many of our lake associations, and organizations like the Watershed Center – Grand Traverse Bay and Leelanau Clean Water."

65,000: Number of photographs *National Geographic* photographer Keith Ladzinski took across all five Great Lakes, for the December 2020 issue. But only one, an epic shot of a Lake Michigan storm approaching at Sleeping Bear Dunes National Lakeshore's Empire Bluff, made the magazine's cover (https://www.leelanauticker.com/news/beloved-leelanau-overlook-graces-december-2020-nat-geo-cover/).

2: New Conservancy Natural Areas created in 2020 — Lime Lake Preserve (https://www.leelanauconservancy.org/2020/06/lime-lake-preserve-a-dream-come-true/) (pictured) and the David & Phyllis Stites Natural Area on Broadway (https://www.leelanauticker.com/news/suttons-bays-first-conservancy-natural-area-opens-today-and-you-can-walk-to-it-from-the-post-office/), .2 miles up the hill from the post office in Suttons Bay, in a forested parcel which had previously been planned for a 60-house subdivision despite deed restrictions on the land.

3,000: Boats the Glen Lake Association washed this summer in an effort to prevent invasive species from entering into the Glen Lakes watershed.

627: Number of applications for soil erosion permits received by the county as of December 17, 2020. That's up 60 permit applications from last year's record number, says Buzz Long, executive director of the Leelanau Conservation District, the office where the permits originate. One-third of those applications were for remediation of shoreline erosion (https://www.leelanauticker.com/news/protecting-shoreline-property-is-a-double-edged-sword/).

\$3.5 million: Amount the Leelanau Conservancy raised — during the pandemic — for the Palmer Woods 1000-Acre Project, which expands the existing Palmer Woods Forest Reserve in Maple City to more than 1,000 total acres (https://www.leelanauticker.com/news/landmark-palmer-woods-1000-acre-project-is-a-go-after-conservancy-raises-35-million/), plus creates a five-mile border with the Sleeping Bear Dunes National Lakeshore to protect an important wildlife corridor. (And, to the thrill of locals, adds epic flow-style mountain biking, hiking and skiing trails in Leelanau County!)

5,000: Native trees the Grand Traverse Band of Ottawa and Chippewa Indians planted, in partnership with the Conservancy, across Chippewa Run Natural Area and DeYoung Natural Area to refo

15,630: Number of trees and shrubs the Leelanau Conservation District (LCD) sold



84 degrees: Little Glen Lake's highest recorded water temperature, reached this summer. Rob Karner, watershed biologist for the Glen Lake Association tells the *Leelanau Ticker*, "This temperature is the highest water temperature in the middle of Little Glen that I have seen in my 44 years of monitoring lake water

temperatures in the deep basins." He adds that high-water temps can put environmental stress on the biota and reduce dissolved oxygen — and it's on trend with other record highs set this year (<https://www.npr.org/2020/12/18/943219856/2020-may-be-the-hottest-year-on-record-heres-the-damage-it-did?origin=NOTIFY>).

30: Years that Rebecca Lessard was the guiding force behind Wings of Wonder, the raptor rehabilitation center outside Empire, before retiring this fall. Lessard said goodbye to her birds of prey (<https://www.leelanauticker.com/news/wings-of-wonder-in-empire-closes-doors-lessard-closes-a-chapter/>) but not before working with the Little Traverse Bay Bands of Odawa Indians in Harbor Springs on setting up a Tribal eagle aviary and rehabilitation center, the first of its kind east of the Mississippi River.

99: Percent of the region's beech forest that will be wiped out due to newcomer beech bark disease. "There is not a forest in Leelanau that doesn't have it, and there is nothing proactive to do, as the scale is carried by wind, mammals and humans," says Kama Ross, district forester for the Leelanau, Grand Traverse, and Benzie Conservation Districts. "But on an individual tree, in a private woodlot, people can definitely talk to a certified arborist to see what care and treatment can be done." Ross is doing her best to tackle the issues of disease head-on, sharing her expertise with Leelanau property owners (for free) (<https://www.leelanauticker.com/news/kama-ross-wants-you-to-be-a-forester-in-your-own-backyard/>), plus municipalities, agencies and nonprofits that do not employ foresters on-staff.

2: Counties separating Leelanau from the next invasive species to threaten our forests: hemlock woolly adelgid. The most recent sign of it was in Mason County, and Leelanau landowners have been asked to be on the lookout this winter (<https://www.leelanauticker.com/news/leelanau-landowners-be-on-the-lookout-for-new-invasive-species/>).


13: Night-sky-friendly lights purchased by the Dark Sky Committee of Leelanau Energy with donations from community members across Leelanau Township. Eight of these have been installed at the Leelanau Township Fire Department, with three others replacing the lights at Deeps Corner Store in the village of Northport. Dark sky advocate and Northport farmer Kathy Garthe says, "Night-sky-friendly lights are shielded, so they only shine down where they are needed, and they are low-Kelvin to limit blue light at night, which is not good for humans or for wildlife."

Photo by Mark Smith, Lime Lake Preserve shoreline

f Comment (<https://www.facebook.com/TraverseCityTicker/>)

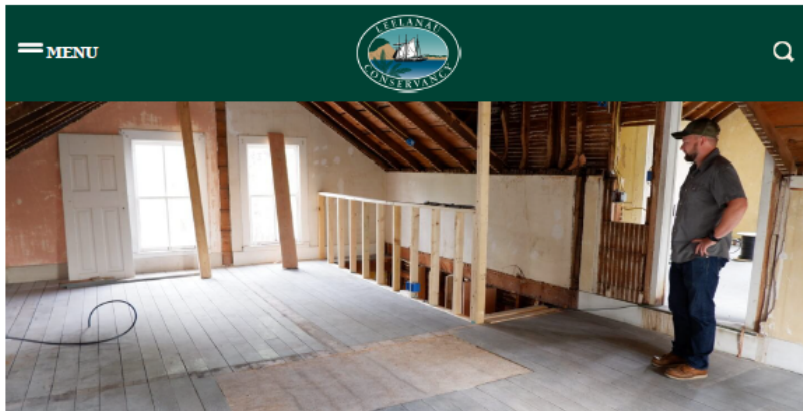
Share (<https://www.addthis.com/bookmark.php?v=250&useremail=66-4cc446143d9207f5>)

Like [Sign Up to see what your friends like.](#)

 ([/news/rss/](#))



Leelanau Ticker Farmhouse Restoration Article (10/1/2019)

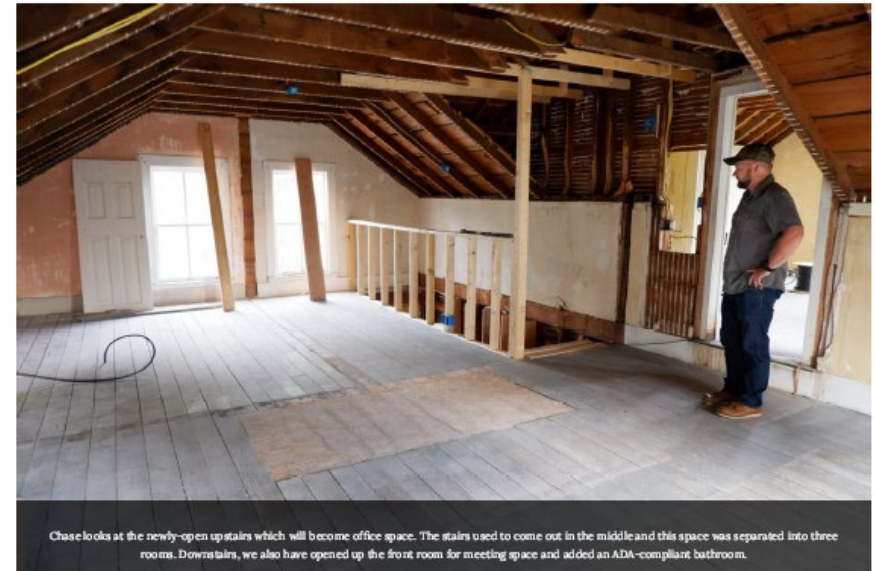


[Home](#) » [News](#) » DeYoung Natural Area: Restoring the Historic Farmhouse to its Former Glory

DeYoung Natural Area: Restoring the Historic Farmhouse to its Former Glory

October 1, 2019

Our journey into historic restoration of the 164-year-old DeYoung farmhouse reached a satisfying place this summer. The 191-acre DeYoung Natural Area contains the only remaining buildings of any of our natural areas, so much thought and deliberation went into the vision for the house's future. After over a decade since protecting the land, we are now in the midst of restoring the home to its former glory thanks to you. The work on the farmhouse is expected to be completed later this year. Follow along with Land Steward Chase Heise, who is the project manager for the restoration of the house.



Chase looks at the newly-open upstairs which will become office space. The stairs used to come out in the middle and this space was separated into three rooms. Downstairs, we also have opened up the front room for meeting space and added an ADA-compliant bathroom.



"The most visible change to the farmhouse so far is the new paint colors. "It was important to us to keep the original character of the house with tasteful updates," Chase says. "We chose historic paint colors with a traditional light primary color and dark trim (Ancient Ivory and Lafayette Green). We are also able to restore and keep the original wavy glass windows downstairs."



"We saved a lot of the furniture original to the house and look forward to rearranging it! The biggest question right now is where we will put the piano," Chase says.



Still to do: Siding repair and lots of finishing touches inside. On the list: Insulate the walls, replace windows upstairs due to safety concerns, plaster, drywall, trim, floor refinishing, and a new kitchen.



The original wood-fired Home Comfort cook stove will remain in the kitchen.



Volunteers helped add fresh paint to the power house



Staff finished the job, painting the trim and touching up the red paint.



These new stairs to the basement replaced the harrowingly-narrow former ones.



"The most interesting thing about the restoration project so far?" "The contractors found tons of old newspapers from the early 1900s in the walls that were used as a wind barrier around the windows. They were in surprisingly good condition. You could still read a story about President Theodore Roosevelt," chuckles Chase. Also found were some interesting old bottles and tins, pictured below.



Picture of progress: all new electrical and plumbing, plus a new furnace and air conditioning have been installed. Many more structural improvements, too: there are new footings in the basement, and two new redesigned staircases. Above, Chase looks at the new electric & plumbing in the basement. Notice the original cedar beams from 1855, still with bark hanging off, above Chase.

Become a steward of the land.

Help us preserve the wonders of Leelanau County by becoming a trail steward, volunteering at a workbee, or donating funds.

[Support Leelanau](#)

DRAFT

Approved by the Board of Directors on August 27th, 2009

**DeYoung Natural Area Lakeshore Property Lakeshore Property
Management Plan**



**Prepared By:
Matt Heiman and Jenée I. Rowe
The Leelanau Conservancy
P.O. Box 1007, Leland, MI 49654
July 2009**

TABLE OF CONTENTS

Mission Statement

The DeYoung Natural Area Lakeshore Property has been established to preserve the unique and diverse natural systems of the Cedar Lake shoreline and associated property in perpetuity. The DeYoung Natural Area Lakeshore Property will be actively managed to maintain ecological integrity, native plant and animal communities, and public access for passive recreation (such as hiking, bird watching, fishing, cross county skiing, snowshoeing) and education opportunities.

I. Ecological Site Description and Natural Features

- A. Topography**
- B. Ecological Communities**
 - 1. Community Types**
 - a. Hardwood-conifer swamp remnant**
 - b. Northern Shrub Thicket remnant**
 - c. Emergent and Submergent Marsh**
 - d. Northern Fen**
 - e. Old field**
 - 2. Fauna and Flora**
 - a. Birds**
 - b. Plants**
 - c. Mammals**
- C. Human History**

II. Management of the DeYoung Natural Area Lakeshore Property

- A. Ecological Community Management**
- B. Passive Recreation Management**
- C. Public Access Management**
- D. Monitoring and Maintenance**
- E. Costs and Liabilities**
- F. Environmental Concerns**

Appendix A: Ecological Community Map

Appendix B: Management Agreement with Elmwood Township

Approved by the Board of Directors on August 27th, 2009

INTRODUCTION

The DeYoung Natural Area Lakeshore Property (DYNALP) is comprised of approximately 60.5 acres in Section 20, T28N-R11W, Elmwood Township, Leelanau County, Michigan. Elmwood Charter Township (Township) was awarded a grant from the Michigan Natural Resources Trust Fund in Dec. 2007 to purchase the 60.5 acres from the Leelanau Conservancy and will finalize the purchase in September 2009. The original 144.5 acre DeYoung Farmstead was acquired by the Leelanau Conservancy on the 30th of May 2006 from Theodore L. DeYoung. The DYNALP will be managed by the Leelanau Conservancy through a Management Agreement with Elmwood Charter Township signed on 10/13/2008. The property has nearly all the habitat types that are quintessentially Leelanau-- forested wetlands, open wetlands, a pond, and nearly a mile of Cedar Lake shoreline. The Traverse Area Recreation and Transportation Trails (T.A.R.T Trails) also runs ¾ of a mile through the property. The area is home to a diverse plant and animal community and it will be managed for biological diversity, ecological integrity and sustainable public passive recreational use.

The 2006 Elmwood Township Recreation Plan states, "As a public facility, the former DeYoung Farm would provide an ideal setting for passive recreation activities such as hiking, cross country skiing, wildlife observation and fishing. This tremendous prospect would be a partnership with the Leelanau Conservancy. With over 4,500 feet of natural, undeveloped shoreline along Cedar Lake, the facility could offer a superb passive recreation component for the Township. The potential to create and maintain a system of nature trail loops accessible from Cherry Bend Road and the Leelanau Trail for passive recreation is something very much desired, but lacking in most of the existing Township facilities. The historical and agricultural resources of the DeYoung Natural Area Lakeshore Property are also invaluable for cultural assets for restoration and education. The preservation of the agricultural landscape in a way that enriches the community and has a low-impact on the surrounding natural features –land, water, vegetation and wildlife – will benefit everyone."

PURPOSE

The purpose of the Management Plan is to guide future management decisions regarding the DeYoung Natural Area Lakeshore Property. The main management goal is to preserve the unique and diverse natural systems of the property in perpetuity and make them available to the public for outdoor education and passive recreation. The DYNALP Management Plan is designed to be consistent with the standard Michigan Natural Resources Trust Fund deed restrictions, which ensure the conservation of the property and its use for public outdoor recreation in perpetuity. All future management decisions will reflect this philosophy.

This plan should be considered a working document and will be scheduled for review by the Elmwood Charter Township Parks and Recreation Committee as part of their periodic review of the Township's Community Park, Recreation, Open Space and Greenway Plan that is scheduled to occur approximately every 5 years. Any recommended revisions to the plan will be officially reviewed and approved by the Elmwood Charter Township Board of Trustees and Leelanau Conservancy Board of Directors.

I. ECOLOGICAL SITE DESCRIPTION AND NATURAL FEATURES

allowed to continue advancing toward a more mature forested community. The thick poplar clone along the northern boundary of this community should be encouraged to spread and help advance the succession. Establishing native upland shrubs will also help eliminate the mostly invasive groundcover that dominates this community presently.

The portion of the herbaceous upland between Cherrybend Rd and the T.A.R.T. trail should be maintained in a more open condition and not allowed to succeed into a forested community. Preventing the expansion of the black locust is the primary management focus for this area in addition to actively removing the invasive groundcover and establishing native pioneer species in its place.

Old field Management Summary

1. Remove and control black locust
2. Remove invasive groundcover and replace with native pioneer species
3. Encourage regeneration of the poplar clone along the T.A.R.T. trail and into old field between trail and lake.

B. Passive Recreation Management

a. Trails

The entire DYNALP will be open for the public, local schools and non-profit organizations to use for educational activities, passive recreation and low-impact research projects.

There is currently a ¼ mile Cedar Lake trail loop with a spur trail to the floating ADA accessible fishing pier. All visitors will be required to keep pets on a leash, whether they are on or off the trail, in order to help avoid conflicts and negative impacts on wildlife. Any proposed new trails need to avoid sensitive wetland areas and use appropriate low-impact constructions methods like single-track natural surface trails, boardwalk over wet areas, visually accessing sensitive areas from viewing platforms and not running a trail through them. Additionally, any proposed new trail route should consider potential disturbance to wildlife habitat and avoid areas where visitor introduction will result in increased stress to wildlife populations. Any desired improvements to the DYNALP are covered by the Management Agreement between the Conservancy and Township and will be implemented as allowed under those terms.

Passive Recreation Trails Management Summary

1. Maintain Cedar Lake loop trail and fishing pier.
2. Construct a Universal Access boardwalk from the parking lot to the ADA accessible fishing pier when funds are available.
3. Pets must stay on leash.

b. Activities

The DeYoung Natural Area Lakeshore Property provides passive recreation and educational opportunities to the public. For the purposes of this Management Plan, passive recreation is defined to include hiking, cross county skiing, nature walks, wildlife observation and fishing. Educational and research opportunities for schools, individual students non-profit organizations and community groups will be allowed provided they do not negatively impact passive recreation opportunities or adversely limit public access. All visitors will be required to keep pets on a leash, whether they are on or off the trail, in order to help avoid conflicts and negative impacts on wildlife. Any requests for special uses of the DYNALP are covered by the Management Agreement between the Conservancy and Township and will be implemented as allowed under those terms.

C. Public Access Management

a. Signs, Parking and Motorized Vehicles

The parking lot and signs will be placed and sized so as not to disrupt wildlife habitat or the scenic attractiveness of the DYNALP. The developed parking area shall be maintained or improved with a pervious material and accommodate at least 10 cars with non-developed grass overflow parking available. The existing two-track from the parking lot to the Cedar Lake Trail will be used for vehicular access needed to perform DYNALP maintenance activities, by the porta-john hauler and emergency response situations. Otherwise, all motorized vehicles are prohibited beyond the parking lot.

Trail way finding signs, ecologically sensitive area signs, and educational signs may be placed along the existing trails on the property, as needed, to enhance and encourage appropriate trail usage. If motorized boat traffic on Cedar Lake negatively impacts recreational opportunities or ecological communities, additional signage should be placed at the Cedar Lake public boat ramp on Cherrybend Rd. indicating the location of the DYNALP and requesting slow or no-wake motorboat usage within 200 feet from the shoreline. The property guidelines based upon the Leave No Trace model—"leave only footprints, take only pictures" will be posted at trail entrances. Boundary signs will be placed as needed in areas of concern along the south and west property lines.

Signs, Parking and Motorized Vehicles Management Summary

1. Maintain existing pervious surface parking lot and prohibit motorized vehicles from all areas of the DYNALP, except for maintenance by the Conservancy or for emergencies.
2. Install trail and/or boundary identification signs, if needed.
3. Maintain and install signs detailing property rules and guidelines to support visitor management.
4. Install and maintain signage at the Cedar Lake boat ramp indicating the location of the DYNALP and recommended boating regulations to prohibit shoreline degradation or negative impacts to passive recreation opportunities.

b. Hunting, Trapping and Fishing Management

Hunting and trapping is prohibited on all land within the DYNALP due to the close proximity of the Leelanau Trail and neighboring residences. Waterfowl hunting on Cedar Lake will be allowed over the riparian bottomlands controlled by the DYNALP, however no hunting or hunting access is allowed from the shore itself. Blinds must be affixed to the hunter's watercraft. Permanent blinds in the water are not allowed.

Cedar Lake has an excellent warm water fishery with smallmouth bass, northern pike, perch and bluegill being the most common sought after species. The lake also contains a healthy population of rainbow smelt, which are primarily targeted in the winter by ice fisherman. An ADA accessible fishing pier will serve as the primary access point for fishing in Cedar Lake from the DYNALP.

While visitors are allowed to access the entire DYNALP, unless access has been restricted in order to protect the ecological integrity of certain locations, access to the Cedar Lake shoreline will not be encouraged at any one specific location to prevent deterioration from visitor traffic and therein degradation of the natural experience for visitors, fisherman and lake users. Inappropriate access points that may develop between the T.A.R.T. trail and the lake will be discouraged with signage and access restrictions. Any proposed new fishing or lake access trail route must consider potential disturbance to wildlife habitat and avoid areas where fishing access will result in increased stress to wildlife populations. Any desired improvements to the DYNALP are covered by the Management Agreement between the Conservancy and Township and will be implemented as allowed under those terms.

Hunting, Trapping and Fishing Management Summary

1. Maintain appropriate fishing access to the lakeshore along the Cedar Lake trail loop and fishing pier and discourage random access footpaths.
2. Hunting and trapping is prohibited on DYNALP land, but waterfowl hunting will be allowed in Cedar Lake over the bottomlands only.

c. General Guidelines

The general property guidelines are based upon the Leave No Trace model—"leave only footprints, take only pictures". These are general prohibitions and guidelines that apply to all natural area passive recreation properties managed by the Leelanau Conservancy. No dumping of garbage, including biodegradable waste will be allowed on the DYNALP. No camping allowed. Harvesting of any plant or part of plant or tree, live or dead is prohibited. Campfires are not allowed. The entire DYNALP is open to the public, however visitors will be encouraged to use the established trail loop. Off trail hiking and exploration is allowed, however public access to certain areas or in certain habitats may be restricted in order to achieve ecological management goals or protect sensitive natural features.

General Guidelines Management Summary

1. Post general prohibitions and Leave No Trace Guidelines at visitor access points on the DYNALP.

D. Monitoring and Maintenance

a. Monitoring

Conservancy staff will formally monitor the DYNALP property and maintain written records and maps of the monitoring trip. Conservancy will present an annual written report to the Township Parks and Recreation Committee delineating any changes in the condition or concerns in the use of the DYNALP. The Parks and recreation Committee will review this report and summarize its findings and any recommendations or concerns within two months of receipt and present same to the Elmwood Township Board. Conservancy Volunteer Trail Steward Monitors also monitor the public access points at least three times a year and file their reports with the Conservancy and will add to the monitoring database to help guide future management recommendations.

Monitoring Management Summary

1. Leelanau Conservancy staff will monitor the property annually, create a written report with maps and submit the report to the Elmwood Twp Parks and Recreation Committee for them to summarize and report to the Elmwood Township Board within two months of its receipt.

b. **Maintenance**

Conservancy staff and volunteer actively maintain the existing public access features including the 10 car pervious surface parking lot, the Cedar Lake Trail and the fishing Pier and signs. Our goal is maintain signs, fences, trail, parking lot and fishing pier in good condition while simultaneously preventing any deterioration of the conservation values of the DYNALP.

Maintenance Management Summary

1. Maintain existing passive recreation infrastructure.
2. Prevent degradation of the sensitive natural features by using Best Management Practices.

D. Costs and Liabilities

As delineated in the Management Agreement between the Conservancy and the Township, the Conservancy agrees to pay all costs, liabilities, or claims that may arise from its management of the DYNALP. In addition, the Conservancy agrees to indemnify the Township from any liability for accident or injury to third parties occurring on the DYNALP, unless such accident or injury was caused by the Township or its agents or employees

E. Environmental Concerns Management

a. **Environmental Concerns Management**

Primary concerns are the ecological threat of invasive species because of the amount of high quality wetlands and the large existing infestations of the glossy buckthorn, autumn olive and spotted knapweed. Though as time progresses, other invasive may appear along disturbed areas. There is also concern about boat wake and unauthorized fishing paths deteriorating the northern fen, the emergent and the submergent march. The goal is to minimize environmental concerns through annual monitoring visits, educational signs and active management.

Environmental Concerns Management Summary

1. Monitor the size and location of the existing invasive species infestations and watch for new species.
2. Monitor visitor usages along trails, any potential fishing access and impacts on the emergent and submergent marsh along Cedar Lake.

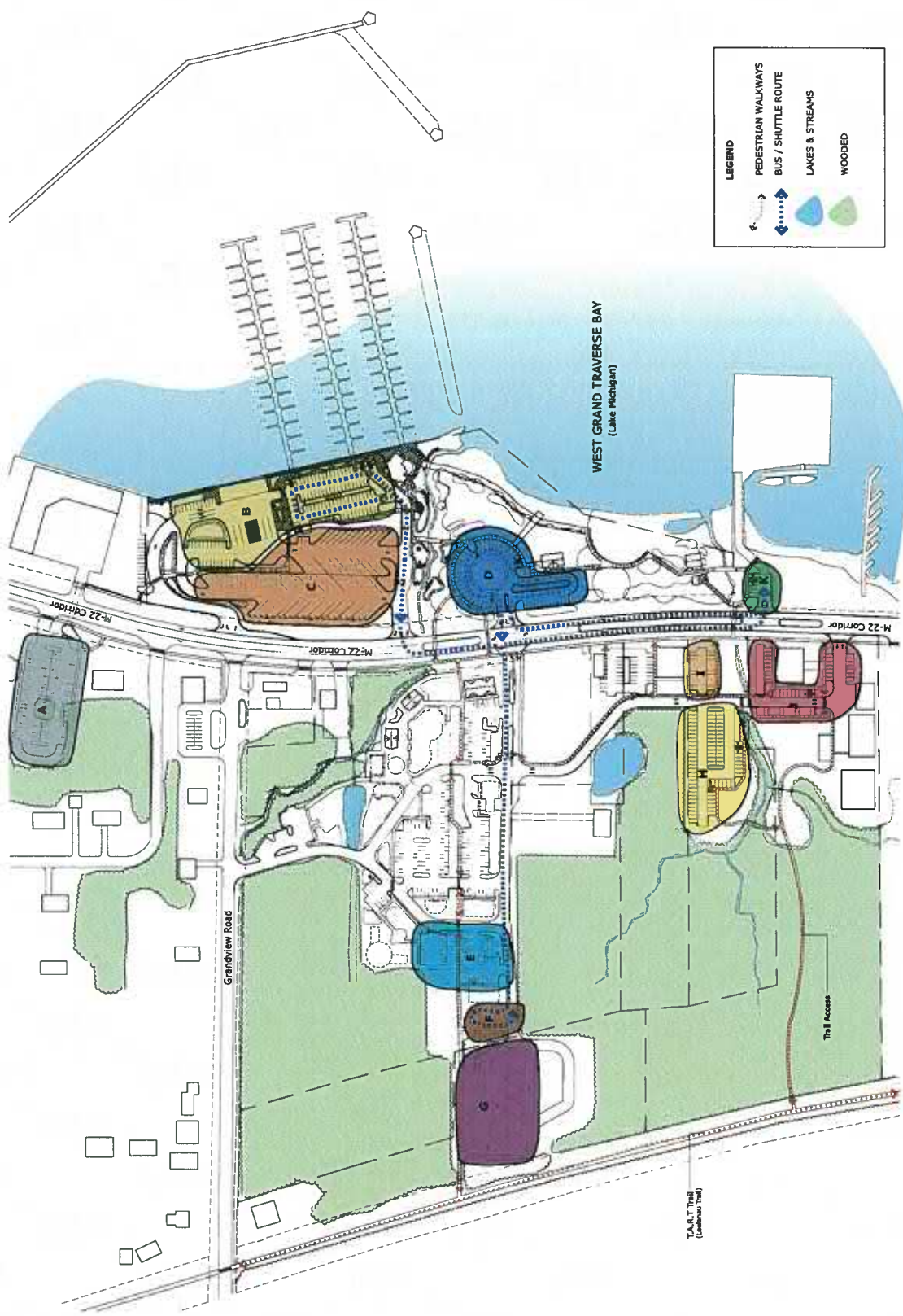
6 - Greilickville Subarea Plans

Greilickville Stakeholder Map

Greilickville Parking and Connectivity Map

DRAFT

ID	DESCRIPTION - NOTES	PARKING COUNTS
A.	HARLEYVILLE PARKING (Seasonal use; Longer term lease/own options)	83
B.	MARINA SLIP - CAR PARKING ONLY	100
C.	MARINA BOAT LAUNCH - CAR/TRAILER	70
D.	HARBOR PARK - PUBLIC PARKING	42
E.	BREWERY CREEK - QUASI PUBLIC PARKING (Seasonal use; Longer term lease/own options Township or vendor run shuttle bus option)	34
F.	BREWERY CREEK - BUS STATION (Short-term parking - drop off spaces)	6
G.	DARCA PROPERTY - OVERFLOW CAR & TRAILER (Seasonal Use - Long term lease agreement Township or vendor run shuttle bus option)	37
H.	TCL&P PUBLIC PARKING (Ordnance Trail)	75
I.	TCL&P PUBLIC PARKING (Designated for Harbor Use ONLY)	20
J.	GTBA DESIGNATED VISITOR PARKING (Access Management & Service Drive)	50
K.	TCL&P COAL DOCK PARKING & DROP-OFF (RMA Lease and Public drop-off zone)	11

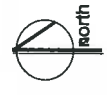


LEGEND

- PEDESTRIAN WALKWAYS
- BUS / SHUTTLE ROUTE
- LAKES & STREAMS
- WOODED

Gosling Czubak
 ENGINEERING CONSULTANTS, LLC
 1000 Soames Park Drive
 231-942-4141 800-386-1082
 Fax: 231-941-4622

- Engineers
- Surveyors
- Planners
- Professional Geographers
- Landscapers
- Architects



Elmwood Charter Township
GREILICKVILLE SUB-AREA STUDY

PROJECT: Twp. Marina - Waterway Preliminary Engineering DATE: March, 2007 JOB #: 2007803.01

Leelanau Enterprise

MICHIGAN NEWSPAPER OF THE YEAR

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\$1.00
leelanaunews.com

MDOT announces plans for M-72/M-22

By Alan Campbell
alan@leelanaunews.com

The biggest bottleneck in Leelanau County will be getting a makeover and possibly a more efficient spout.

That's the word from Michigan Department of Transportation officials and Elmwood Township supervisor Jeff Shaw, who appreciates the non-motorized safety aspect of plans he's viewed for the project as well as the possibility of relieving traffic jams at the junction of Leelanau County's two major

trunklines.

"I've said this over and over. My big concern is that parking is on the west side of (M-22) and people want to use the east side. Getting people across is ... something we need to be serious about," Shaw said.

Bicyclists should also be happy as plans call for a 10-foot trail along the east side of M-22 to Cherry Bend Road, where the work ends.

The project, which is not scheduled to begin until 2024, comes with an estimated \$9 million price tag. It's part of what's

touted by MDOT as a \$51 million investment to improve state highways in the Traverse City area.

Also included is a project to repave M-72 from its intersection with M-22 westward to Bugai Road. That cost is estimated at \$1.5 million with work scheduled for 2023.

One of the more intriguing aspects of the projects is the possibility of funneling Bay St. onto M-72 some 250 feet southeast of the intersection with M-22. That could open up the possibility of adding to the number of lanes that now

converge and slow traffic.

Presently Bay St. ends under its own stoplight at M-72 just a few feet west of the main intersection with M-22. Having two traffic signals so close befuddles some drivers.

"It's confusing for locals, so imagine being a tourist trying to figure out what to do with that corridor ... I think that would help a lot if they close Bay St. And having said that, I use Bay St. all the time," Shaw said.

(Continued on Page 10)

Page 10, Section 1 LEELANAU ENTERPRISE Thursday, December 16, 2021

Plans for M-72/M-22

Continued from Page 1

Dan Wagner, who was supervisor of the Leelanau County Road Commission until 10 months ago, said plans remain fluid but are coming into focus. He's manager of MDOT's Traverse City Transportation Service Center.

"We're just exploring the idea now. We don't have a predisposition on how that would work. If it appears to make sense to do, then we'll head in that direction ... we'll be looking at that whole intersection," Wagner said.

Already eliminated is the possibility of creating a roundabout at the junction, he added.

Non-motorized pathways are receiving a lot of attention, Wagner continued, as MDOT plans to combine bids for the M-22 work with a project to reconstruct M-72 from Division St. to M-22 estimated to cost \$8 million. One result could be state-funded construction of a walkway for pedestrians and walkers along the bay side of M-72 rather than the current path on the south side of the highway.

"You could go from Cherry Bend Road all the way to east of the Boardman River, to the east Front St. intersection," Wagner said.

The trail eventually may go

farther. Shaw said Elmwood Township is interested in working with the Leelanau County Road Commission toward building a trail along Cherry Bend Road that connects with the start of the Leelanau Trail.

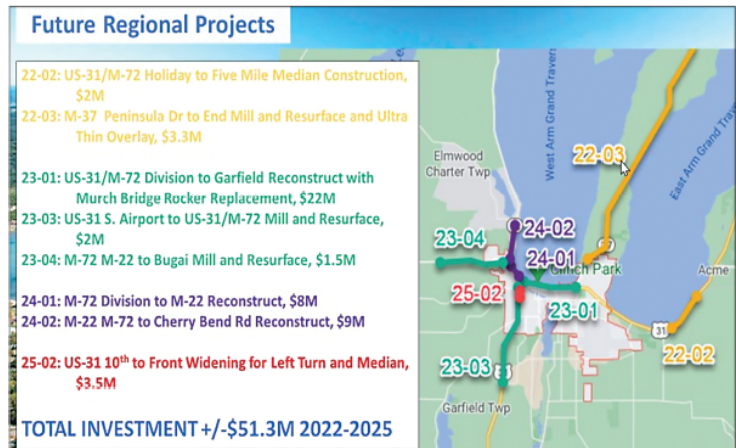
Redesign of the road that defines Grelickville will also include a 5-foot sidewalk on the west side of M-22 with curbs and gutters. A pavement extension now in place fails to delineate separate spaces for vehicles and walkers.

"That was never intended to be a sidewalk. That was put in in 1994 to accommodate deliveries. People use it as a sidewalk but it scares you to death when you use it as one," Shaw said.

Preliminary drawings show the potential to install four pedestrian crosswalks in the corridor at Carter Road, near a proposed hotel, at Discovery Pier and at Grelickville Harbor Park.

The project will create a new look — and new possibilities — for Grelickville. Shaw, who has pushed for M-22 corridor changes and in recent months has been talking with MDOT officials, said he can see potential for new businesses that benefit from walk-in customers and quieted traffic patterns.

Announcement of the projects officially puts to end a discussion to completely re-align



M-22 to a route west of existing businesses. Shaw said a grant from Rotary Charities discredited the feasibility of the route due to wetlands and private land ownership.

Funding for all the trunkline work within and near Traverse City has been budgeted through MDOT's five-year plan for roadwork, according to communications representative James Lake. Eighty percent will be

covered by federal funds with 20% coming from state coffers.

The M-22 corridor through Grelickville is the busiest in Leelanau County with an average daily traffic count of 17,000 vehicles.

"For our area, that's a fair amount," Lake said. "And that's average, not the second week in July."

Programming adjustments were made last year to the traf-

fic light that adjust the length for green and red lights depending upon traffic patterns, Lake added. Cars back up on M-22 north of the intersection during morning rush hour.

Nine thousand vehicles per day travel M-72 west of its intersection with M-22. By contrast, traffic increases dramatically to 38,000 vehicles per day on M-72 between Front St. and Garfield.



8 – Public Input, Notices, Meetings, and Hearings Relative to Marina Plan and Parks Amendment (2017)

Elmwood Township Marina Phasing and Implementation Plan Public Workshops (Aug. 25, 2016 & Oct. 20, 2016) – Meeting Information and Public Response

Parks and Recreation Committee & Marina Committee Motion for Township Board Plan Amendment Hearing (January 4, 2017)

Plan Amendment Notice of Availability & Public Hearing Notice/Affidavit (January 26, 2017)

Township Board Plan Adoption, Legal Notice and Minutes (February 13, 2017)

DRAFT

ELMWOOD TOWNSHIP MARINA COMMITTEE

ELMWOOD TOWNSHIP PARKS AND RECREATION COMMITTEE

ELMWOOD TOWNSHIP HALL- 6 PM

AUGUST 25, 2016 PROPOSED AGENDA

1. CALL TO ORDER: TOWNSHIP MARINA COMMITTEE CHAIRMAN RYAN MATUZAK

2. ROLL CALL
 - A) TOWNSHIP MARINA COMMITTEE
 - B) TOWNSHIP PARKS AND RECREATION COMMITTEE

3. CONFIRM SECRETARY FOR MEETING

4. BRIEF OPENING REMARKS: TOWNSHIP SUPERVISOR JACK KELLY

4. PUBLIC COMMENT

5. AGENDA REVIEW AND APPROVAL

8. ELMWOOD TOWNSHIP MARINA PROPOSED FUTURE PHASED IMPROVEMENTS ENGINEERING
 - A) PAT DOHER AND BOB DOYLE, SMITHGROUPJJR, ANN ARBOR
 - B) BRIAN BOALS AND HEATHER HARRIS-BRADY, GOURDIE FRASER ASSOCIATES, TRAVERSE CITY

9. NEXT MONTH DELIVERABLES

10. PUBLIC COMMENT

11. NEXT SCHEDULED MEETINGS
 - A) TOWNSHIP MARINA COMMITTEE: SEPTEMBER 22, 2016
 - B) TOWNSHIP PARKS AND RECREATION COMMITTEE: SEPTEMBER 14, 2016
 - C) JOINT COMMITTEE MEETING?

12. ADJOURNMENT

JOINT ELMWOOD TWP MARINA COMMITTEE

ELMWOOD TWP PARKS & RECREATION COMMITTEE

AUGUST 25, 2016 MEETING MINUTES

1. **CALL TO ORDER:** TWP Marina Committee Chairman Ryan Matuzak called the meeting to order @ 6:08 P.M.

2. **ROLL CALL: A) TOWNSHIP MARINA COMMITTEE:** Present were Ryan Matuzak, Ken Kleinrichert, George Kobernus, Kristin Dail, Jeff Shaw, Pete Moon and Jack Kelly (quorum met).

B) TOWNSHIP PARKS & RECREATION COMMITTEE: Present were George Prewitt, and Noel Flohe (quorum not met).

OTHERS: Brian Boals and Heather Harris-Brady from GFA, Pat Doher & Bob Doyle from SmithGroupJJR of Ann Arbor, Chief Tampa, Chuck & Tina Morton, Rich Matuzak, Jack Eaton, Harvey Norris, Heather Smith, Jerry Zeits, Jane Cominery, Terry Taylor, Angel Gingras, Mary Petterson, Dianne Keelan, Lou Prentis, Mick Carroll, Paul Sharrow, Dusty Doriot, Phil & Mary Harnesom.

3. **CONFIRM SECRETARY FOR MEETING:** Noel Flohe agreed to do it.

4. **BRIEF OPENING REMARKS: TOWNSHIP SUPERVISOR JACK KELLY:** Jack thanked everyone for coming as there were many stakeholders from the Marina and Waterfront interested parties.

He also mentioned several documents on file for reference/study including, **2013 ELMWOOD TOWNSHIP COMMUNITY PERCEPTION SURVEY, 2012 ELMWOOD TOWNSHIP MARINA MASTER 2012 WATERFRONT DISTRICT MASTER PLAN, 2016 M-22/GREILICKVILLE COMMERCIAL CORRIDOR TRAFFIC STUDY, 2013 GREILICKVILLE COMMERCIAL CORRIDOR SUB-AREA MASTER PLAN, and PLANNER SARA KOPRIVA'S 2016 REQUEST FOR PROPOSAL (RFP) FOR UPDATING THE 2013-2017 PARKS AND RECREATION PLAN...**all coming together in this process of waterfront study/planning interests.

PUBLIC COMMENT: Everyone present was grateful that this project keeps moving forward.

5. **AGENDA REVIEW AND APPROVAL:** Moved by George Prewitt, second by Kristin Dail to approve the agenda as printed—U.

6. **ELMWOOD TOWNSHIP MARINA PROPOSED FUTURE PHASED IMPROVEMENTS ENGINEERING:**
A) PAT DOHER AND BOB DOYLE, SMITHGROUPJJR FROM ANN ARBOR presented an overview. Much has been accomplished since we started as evidenced by the studies mentioned above. Now the five year recreational plan needs to be updated (old coal dock changes, etc.) as this planning continues to move forward. It's not just the Marina, but everything from M-72 north to M-22 Cherry Bend Road and looking at the whole waterfront district. All pieces need to fit together and allow for increased uses. The traffic study now identifies

some challenges. TWP ownership of Brewery Creek property has marina in and out issues that demand attention. With the traffic study concluding not enough warrants to add a desired signal light, and the 3-lane M-22 peaking out, we need to come up with some alternatives needing your input to our planning. SmithGroupJJR believes we are now at the doorstep of a first class marina improvement which sets the stage for tonight's meeting. All aspects of the plan must work together for both cars and pedestrians/bikes which makes for an exciting project...safety is a high priority.

Many questions and much discussion followed.

Four outside-the-box concepts were labeled A, B, C, & D by the planners and all in attendance were assigned by birthdates to the groups. Time was allowed so each group could input their likes, dislikes, and new ideas. A spokesperson for each of the groups was then allowed to present their points to the reassembled group at large as the planners recorded noted points. Chief Tampa commented on some of the models. Planners will now boil down these models into perhaps two and then bring them back for further discussions and input from this group and any others who wish to participate.

B) BRIAN BOALS AND HEATHER HARRIS- BRADY OF GOURDIE FRASER ASSOCIATES: Big thanks to everyone for their input, and it was noted that the Elmwood Township Marina's website will post updates and can receive further comments/input.

7. NEXT MONTH DELIVERABLES: Supervisor Kelly said this dialogue will continue and he asked everyone to stay engaged. Through the efforts of this project, challenges will be solved, including traffic islands, parking, etc. However, any solution will have to pass the smell test for all of Leelanau County that contributes to the bottlenecks through this M-22 corridor.

8. PUBLIC COMMENT: None.

9. NEXT SCHEDULED MEETINGS:

A) TOWNSHIP MARINA COMMITTEE: September 22, 2016 6:00 P.M. @ TWP Hall;

B) TOWNSHIP PARKS & RECREATION COMMITTEE: September 13, 2016 6:00 P.M. @ TWP Hall

C) JOINT COMMITTEE MEETING? Encouraged to keep joint meetings, but will have to be announced when ready...stay engaged!!

10. ADJOURNMENT: 8:28 P.M.

SUBMITTED BY ACTING SECRETARY NOEL FLOHE

ELMWOOD TOWNSHIP MARINA PUBLIC WORKSHOP PRESS RELEASE
Elmwood Township, Michigan: October 7, 2016

Elmwood Township has scheduled a workshop to seek public input on a phasing plan for possible future improvements to the Elmwood Township Marina. The workshop will be held on Thursday, October 20th at the Elmwood Township Hall on E. Lincoln Road beginning at 6 PM. Once completed, the phasing plan is expected to help Elmwood Township move ahead with planning and funding of proposed future improvements to its marina property located on West Grand Traverse Bay and immediately adjacent to the Township's Greilickville Harbor Park.

The October 20th workshop will occur in conjunction with a joint meeting of the Township's Marina Committee and Parks & Recreation Committee. The meeting /workshop is open to the public, will be televised on upnorthmedia.org, and its focus will seek to identify preferred design and architectural elements aimed at implementing the 2012 Marina Master Plan in several phases over the next 5-10 years.

For more information on the project, please visit <http://tiny.cc/elmwoodmarina> or contact Township Supervisor Jack Kelly at (231) 946-9021.

ELMWOOD TOWNSHIP MARINA COMMITTEE

ELMWOOD TOWNSHIP PARKS & RECREATION COMMITTEE

JOINT OCT. 20, 2016 MEETING MINUTES

1. **CALL TO ORDER:** Marina committee chairman Ryan Matuzak called the meeting to order @ 6:06 P.M.
2. **ROLL CALL: A) TWP Marina Committee:** Members present were Ryan Matuzak, Ken Kleinrichert, George Kobernus, Kristin Dail, Pete Moon, Jack Kelley, Eric and Jeff Shaw.
B) TWP Parks & Recreation Committee: Members present were Jann Hines, Kyle Trevas, Noel Flohe, and George Prewitt.
C) Others: Marsh Smith from Rotary Charities, TWP Planner Sara Kopriva AICA, Pat Doher & Bob Doyle from SmithGroupJJR, Heather Harris-Brady & Brian Boals from GFA, and John Noonan from the Discovery Center.
3. **CONFIRM SECRETARY FOR MEETING:** Noel Flohe agreed to do it.
4. **PUBLIC COMMENT:** None.
5. **BRIEF OPENING REMARKS:** Supervisor Jack Kelly was happy that 19 folks were present and thanked the committees for their continued work. He explained briefly how we got to where we are by referring to the Joint meeting minutes for August 25, 2016. He also mentioned that these plans and phase in objectives will need to be completed by March 1, 2017 so that the can be submitted to the MDNR not later than March 31, 2017 for the April 2017 grant application cycle.
6. **OTHER JOINT TWP COMMITTEE REMARKS:** None.
7. **AGENDA REVIEW AND APPROVAL:** Moved by George Prewitt, seconded by Kyle Trevas to accept the agenda as presented—U.
8. **ELMWOOD TOWNSHIP MARINA PROPOSED FUTURE PHASED IMPROVEMENTS:**
 - A) **LONG-RANGE COMMERCIAL CORRIDOR BENCHMARK VISION: Pat Doher, Smith GroupJJR:** Pat said in making this benchmark vision, the ELM Waterfront Planners info was studied to gain an independent perspective, identifying specific areas of opportunity, and to validate assumptions. Many other community plans were looked at, case studies, goals for development, and a close look at ELM TWP Waterfront features and current uses.

Bob Doyle discussed the transportation challenges. Traffic patterns are a key point and the M-DOT M-22 Corridor Studies ruled out a traffic signal light at the marina exit, but did suggest areas for pedestrian crossing islands along this corridor. The 3-lane corridor is mostly already maxed out for traffic uses and M-DOT does not have funding for either a 5-lane conversion or the new idea of relocating M-22 on the TART Trail. A M-72 round-a-

about is problematic too, but he feels we should keep pressure on M-DOT to do something about making the big picture better, not just small piece fixes.

- B) **MARINA MASTER PLAN SHORT REVIEW:** Both Pat Doher and Bob Doyle (SmithGroupJJR) stated that since any M-22 corridor improvement changes are long term considerations, we should go ahead and work with what we have. Make some changes to the entrance/exits to better accommodate right and left traffic turns. Find overflow parking accommodations. Change parking lanes and locations within the marina to accommodate larger boat trailers vs shorter ones, relocate the harbormaster office to north of property and locate the fish cleaning station in the northwest corner.
 - C) **WORKSHOP INPUT SESSIONS:** Both Pat and Bob divided the meeting attendees into smaller groups for their input (like or dislike) planner design scenarios on **Aesthetics (Landscaping, Lighting, Furnishings), Building Architecture Forms & Materials, General Surface Materials, and Specific Additional Marina Amenities (Fish Cleaning Station & Cross Walks)**. Hallway board samples were set up where folks could “blue dot” their preferences or “sticky-tab) any additional comments desired. This effort was very important because this was the last public meeting before planners finalized their recommendations to meet a January 2017 joint meeting timeline.
 - D) **OVERALL CONTRACT UPDATE:** Heather Harris-Brady, GFA reviewed the **Tasks Completed, Tasks Remaining, and Schedules**.
9. **FUTURE DELIVERABLES:** Heather Harris-Brady is setting up the phases for implementation in time for the next joint meeting to be held in January 2017. Brian Boals reminded everyone the further input can be submitted on the GFA website as well as reviewing progress to date and timelines.
10. **PUBLIC COMMENT:** Several comments of good efforts and to keep the plan process moving forward.
11. **NEXT SCHEDULED MEETINGS:**
- A) **TWP Marina Committee: November 17, 2016 or December 15, 2016.**
 - B) **TWP Parks & Recreation Committee: November 2, 2016.**
12. **ADJOURNMENT:** 7:35 P.M

Submitted by Noel Flohe, ELM TWP Parks & Recreation Committee Acting Secretary.

INPUT FOR PROPOSED ELMWOOD MARINA IMPROVEMENTS

- **Landscaping:**

- Maximize use of green space
- Around boaters lounge/shower building
- As a promenade along the waterfront
- Around the boaters picnic area
- Provide privacy for boaters' picnic area. We would appreciate eating our meal without the curious gaze of passer-bys.
- Use natural materials
- Shrubs rocks/boulders (example: Clinch Marina, Little Current Marina in Canada)
- Use "green" paved areas wherever feasible. (Example: Straits Harbor Marina Mackinaw City has cement pavers with holes in them to allow grass/moss to grow through which is used in their fire lanes.)

- **Lighting – Out Door:**

- Downward facing overhead lights.
- Dock lights with yellow light bulbs/lens to deter bugs.
- Avoid lighting that would interfere with night boating navigation especially approaching the marina entrance from a distance.

- **Lighting - Indoor:**

- If using sensor lights in the boaters lounge/shower facility, combine motion and sound detection as a safety feature.
- Provide adequate bright illumination in the restrooms and showers to assure safety.

- **Architectural Materials:**

- Keep an "Up North" décor.
- Emphasize natural materials.
- Reflect style of architecture in the harbor basin (Center Point and Harbor West).

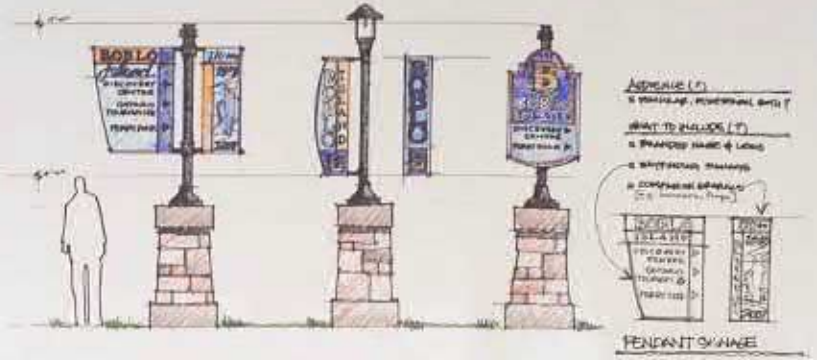
- **Placement of Boaters Lounge and Picnic Area:**

- Use a site orientation of the building with respect to prevailing winds of May-October.
- Use orientation of major windows with respect to sunrise/sunset May-October.

Page 1 of 2

- **Picnic Area:**
- Provide relief from prevailing winds by site orientation and/or transparent windbreak curtains (example: Clinch Marina and Boyne City Marina)
- Provide a water faucet, paper towels, and a utility sink for rinsing dishes adjacent to the picnic area. (Example: Clinch Marina & Boyne City Marina.)
- **Shower facilities:**
- Use a “hospitality” approach to plumbing fixtures rather than an “institutional” appearance. (This is our “summer home”.) (Best examples: Elk Rapids Marina & Charlevoix Marina. Most luxurious example: Duncan Bay Yacht Club. Worst example: Straits Harbor Marina Mackinaw City.)
- Emphasize proper exhaust for moist shower air.
- Provide spot heating in individual showers (Michigan mornings can be chilly!)
- Showers should have toiletry shelves to hold shampoo, soap, hair products, razor, etc. all of which drain water through.
- Hand held shower extensions not only are a welcome option but also allow for rinsing down a previously used shower area aiding sanitation.
- Shower stalls should have adequate area for dressing in dry clothes.
- Provide at least 4 clothes hooks in shower/dressing stalls (clean dry clothes, used clothes, towel, and shower tote bag).
- **Restroom sink/toilet area: Women’s**
- Lots of large clothes' hooks for towels and shower tote bag.
- A dry vanity area with large mirror and good lighting for applying cosmetics, electrical outlets for hairdryers, surface to set toiletries.
- Provide access to paper towels for hand washing after applying cosmetics and for sanitary wipe of water on countertops.
- Do NOT use auto-timed water faucets; these are not “user-friendly” to people who consider this facility as their “summer home”. (A negative example is Straits Harbor Marina Mackinaw City which has had many negative complaints about the restroom fixtures.)

LIGHTING



FURNISHING



Yellow sticky note with illegible text.

Blue sticky note with illegible text.

Blue sticky note with illegible text.



Pink sticky note with illegible text.



BIKE RACK



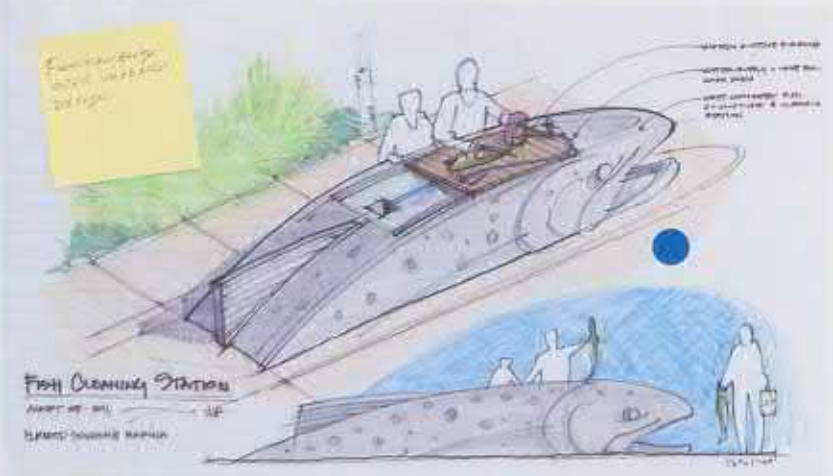
RAILING



DRAFTING BOARD



FISH CLEANING STATION



ENGAGING ART

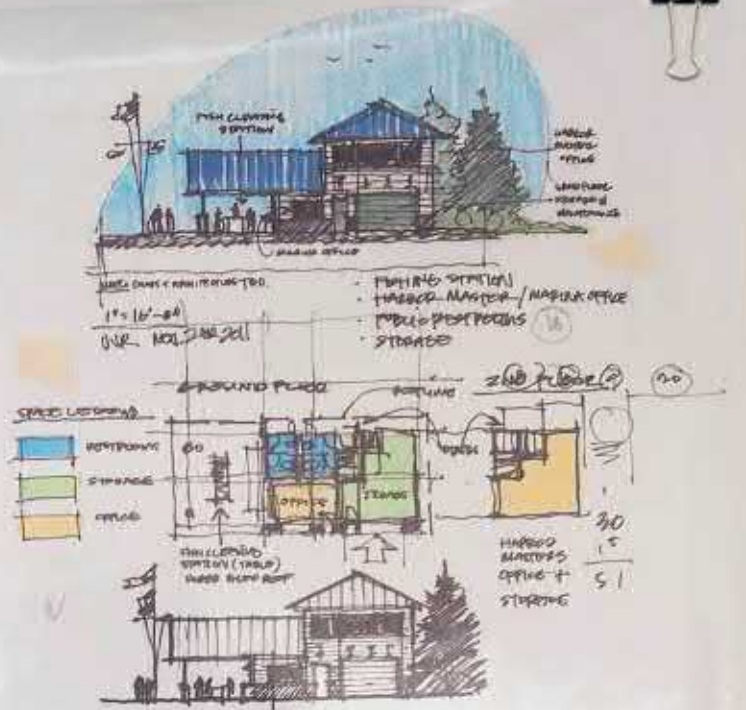


FIRE PIT





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TREES



RAIN GARDEN



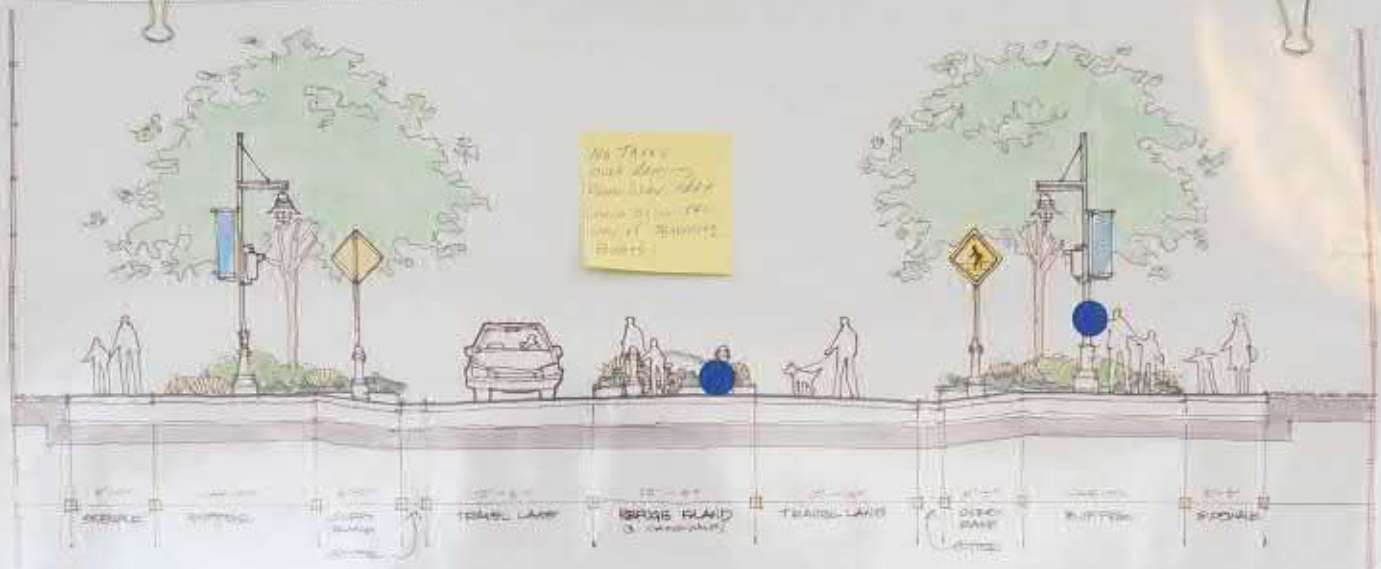
NATURAL AREA



ENTRY LANDSCAPE



CROSSING



SIGNAGE / BLENDING



RECONFIGURED ROAD SECTION DESIGN TO BE DETERMINED
 CONFIRM GRADES PER TO FINAL DESIGN
 SPECIFIC ENTRANCE TO BE DETERMINED PER RESULTS OF MANAGEMENT

PICO DRIVE

FISH CLEANING STATION
 SHORT TERM PARKING FOR FISH CLEANING

GRANDVIEW DRIVE

BOAT TRAILER PARKING

BOAT TRAILER PARKING
 PICNIC BIKE PARKING

SPECIFIC ENTRANCE TO BE DETERMINED PER RESULTS OF MANAGEMENT

DUMPSTER COLLECTION ACCESS CORRIDOR

PICNIC NEW SIDEWALK & LANDSCAPE BENCHES EACH SIDE OF

BREWERY CREEK

PARK EXISTING

BOAT TRAILER PARKING

PREFERRED



SLIPS)
 UNIVERSALLY ACCESSIBLE - 1%
 SECTIONS
 ICE
 AIN
 REMAIN
 (70)

OFFICE SPACE
 JETTY/PORCH ROOM
 (SECOND FLOOR)

ENHANCEMENTS: BENCHES

Elmwood Marina Sketch Plan

Gourdin-Fraser/S&J/R September 22, 2016

BOAT TRAILER	90 SPACES	(+ 8 SPACES)
PASSENGER VEHICLE		
OFF-SITE PARKING*		
BOAT TRAILER	120 SPACES	(+ 68 SPACES)
PASSENGER VEHICLE	110 SPACES	(+ 122 SPACES)

LEGEND

#	NUMBER OF PROPOSED SPACES
[Symbol]	ACCESS CORRIDOR
[Symbol]	PICNIC AREA
[Symbol]	DUMPSTER CORRAL
[Symbol]	BIKE PARKING

Provided by Smithgroup JJR/GFA

CHARTER TOWNSHIP OF ELMWOOD
Park and Recreation Committee
&
Marina Committee
Joint Meeting January 4, 2017 Minutes

- A. **Call to Order:** TWP Marina Committee Chairman Ryan Matuzak called the meeting to order @7:05 P.M. Considering the very wintery night, it was great to see 15 folks show up.
- B. **Roll Call:** 1) TWP Marina Committee members present were Ryan Matuzak, Ken Kleinrichert, George Kobernus, Kristin Dail, Pete Moon, Jeff Shaw, and Matt Groleau.
- 2) TWP Parks and Recreation Committee members present were Noel Flohe, Jann Hines, Kyle Trevis, and Jeff Kessler.
- Others present were Brian Boals and Heather Harris-Brady from GFA, TWP Planner Sara Kopriva, and Kevin Krogureck from Gosling Czubak.
- C. **Public Comment:** Matt Groleau supports the marina efforts and hopes we keep moving forward with the plans in motion.
- D. **Agenda Modifications/approval:** Moved by Noel Flohe, seconded by Kyle Trevis—U.
- E. **Purpose of the Meeting:**
1. **Marina Master Plan-Phasing & Implementation-GFA:** Heather Harris-Brady from GFA presented the marina master plan (reference the SmithGroup JJR final draft dated 12/20/2016) noting its **Background, Overall Schematics, Project Phasing Scenarios, Design Guidelines, Funding Sources, and with Appendix A, B, C, D** for supporting data. This most recent draft can be found on both the GFA and TWP websites.

Discussions and questions answered followed the presentation. It should be noted that this plan is a working/moving document. The Board has previously approved an earlier version of this master plan, but the more recent M-DOT M-22 corridor traffic study ruled out adding traffic control lights. Thus some modifications to the entrance/exits for safer traffic flow have been re-thought out after much stakeholder input and an alternative over flow boat/trailer parking to Brewery Creek (eg. next to Leelanau Studios off Cherry Bend Road and taking advantage of that signal light, etc.). More discussions on the need for a marina marketing plan (Jeff Shaw will look into and follow-up), getting the fish cleaning station added, and the repair of deteriorating asphalt.

Moved by Ken Kleinrichert, seconded by George Kobernus to recommend to the Board to adopt this marina improvement and phasing plan—U.
 2. **Community Park, Recreation, Open Space & Greenways Plan Update—Gosling Czubak:** Kevin Krogureck from this firm handed out a Draft Plan Amendment Overview and reviewed its update highlights. This draft reveals much of the fruit of the Marina, Parks & Recreation Committees and TWP Planner working together. Input for an ELM TWP Marina Marketing Plan was presented, a need for a water front mission statement

example (optional), and the past dredging concerns are of less concern now that water levels are much higher. For the March update, the old coal dock projects through Rotary Charities will be included.

Moved by Kyle Trevas, seconded by Noel Flohe to ask the January Board to set a public hearing date for this plan's Amendment update—U.

F. Adjournment: 8:16 P.M.

Submitted by Noel Flohe, ELM TWP Parks and Recreation Committee Acting Secretary.

NOTICE
ELMWOOD TOWNSHIP RECREATION PLAN AMENDMENT
PUBLIC REVIEW AND COMMENT PERIOD
JANUARY 26 – FEBRUARY 13, 2017

The draft amendment to the Community Park, Recreation, Open Space, & Greenways Plan 2013 is available for public inspection.

A copy of the text of the proposed amendment to the Elmwood Township Community Park, Recreation, Open Space, & Greenways Plan 2013 is available online at leelanau.cc/elmwoodtp.asp or at the Elmwood Township Hall, 10090 E Lincoln Rd, Traverse City, MI 49684, during regular business hours, 9:00 am to 5:00 pm, Monday through Friday.

Individuals can make public comment or submit written comments, in person, at the public hearing. Written comments may be submitted prior to the public hearing by mailing them to: Planning and Zoning Department, 10090 E. Lincoln Rd, Traverse City, MI 49684 or planner@elmwoodtownship.net. Written comments submitted prior to the public hearing regarding this amendment will be received until 5:00 pm, Monday, February 13, 2017.

Notice Posted: January 20, 2017

Affidavit of Publication

Elmwood Township

Alan C. Campbell being first duly sworn, says that he is the publisher of The Leelanau Enterprise-Tribune, a newspaper published in the English language for the dissemination of local or transmitted news and intelligence of a general character and legal news, which is a duly qualified newspaper, and that annexed hereto is a copy of a certain order taken from said newspaper, in which the order was published:

January 26, 2017



Signed:

Alan Campbell, Publisher

Subscribed and sworn to before me this 26th day of January, 2017.



Gwendolyn L. VerSnyder,
Notary Public, Leelanau County, Michigan
Acting in Leelanau County

My Commission Expires February 20, 2018

Elmwood Township Notice Of Public Hearing

Notice is hereby given that the Elmwood Township Board will take public comment on a proposed amendment to the Community Park, Recreation, Open Space, & Greenways Plan 2013. The meeting will take place on Monday, February 13, 2017 at 6:00 PM at the Elmwood Township Hall, 10090 E Lincoln Rd, Traverse City, MI 49684.

A copy of the text of the proposed amendment to the Elmwood Township Community Park, Recreation, Open Space, & Greenways Plan 2013 is available online at leelanau.cc/elmwoodtwp.asp or at the Elmwood Township Hall, 10090 E Lincoln Rd, Traverse City, MI 49684, during regular business hours, 9:00 am to 5:00 pm, Monday through Friday.

Individuals can make public comment or submit written comments, in person, at the public hearing. Written comments may be submitted prior to the public hearing by mailing them to: Planning and Zoning Department, 10090 E. Lincoln Rd, Traverse City, MI 49684 or planner@elmwoodtownship.net. Written comments submitted prior to the public hearing regarding this amendment will be received until 5:00 pm, Monday, February 13, 2017.

Individuals planning to attend who require reasonable auxiliary aids should contact Connie Preston, Township Clerk at (231) 946-0921.

**CHARTER TOWNSHIP OF ELMWOOD
LEELANAU COUNTY
RESOLUTION No. 2017-2
A RESOLUTION TO ADOPT AN AMENDMENT TO THE COMMUNITY PARK, RECREATION, OPEN SPACE &
GREENWAYS PLAN 2013**

WHEREAS, Elmwood Township has undertaken a planning process to determine the recreation and natural resource conservation needs and desires of its residents during a five year period covering the years 2013 through 2017, and

WHEREAS, Elmwood Township began the process of developing a plan amendment in accordance with the most recent guidelines developed by the Department of Natural Resources and made available to local communities, and

WHEREAS, residents of Elmwood Township were provided with a well-advertised opportunity during the development of the draft plan to express opinions, ask questions, and discuss all aspects of the recreation and natural resource conservation plan, and

WHEREAS, the public was given a well-advertised opportunity and reasonable accommodations to review the plan amendment for a period of 18 days and

WHEREAS, a public hearing was held on February 13, 2017 at the Elmwood Township Hall to provide an opportunity for all residents of the planning area to express opinions, ask questions, and discuss all aspects of the Community Park, Recreation, Open Space, & Greenways Plan Amendment, and

WHEREAS, the Elmwood Township Board has developed the plan as a guideline for improving recreation and enhancing natural resource conservation for Elmwood Township, and

WHEREAS, after the public hearing, the Elmwood Township Board voted to adopt said Community Park, Recreation, Open Space & Greenways Plan Amendment, and

NOW, THEREFORE BE IT RESOLVED the Elmwood Charter Township Board hereby adopts the Community Park, Recreation, Open space, & Greenways Plan 2013 Amendment.

Yeas: Street, Lautner, Trevas, Shaw, O'Rourke, Darga, and Preston

Nays: None

Absent: None

I, Connie Preston, Clerk, do hereby certify that the foregoing is a true and original copy of a resolution adopted by the Elmwood Charter Township Board at a Regular Meeting thereof held on the 13 day of February, 2017.

Connie M. Preston

**CHARTER TOWNSHIP OF ELMWOOD
REGULAR BOARD MEETING
FEBRUARY 13, 2017 IN THE TOWNSHIP HALL**

Call to Order:

Supervisor Shaw called the meeting to order at 6:00 p.m.

Pledge of Allegiance:

Supervisor Shaw led the Pledge of Allegiance.

Roll Call:

Present: Jeff Shaw, Connie Preston, Kyle Trevas, Terry Lautner, Debbie Street, Jim O'Rourke, Dave Darga

Declaration of Conflict of Interest: None

Public Hearing/Amendment to the Parks and Recreation Plan:

Supervisor Shaw opened the Public Hearing at 6:01pm.

Tony Ansoerge 10101 E. Carter Road, Elmwood Township advised that he supports the approval of the plan. However, he stated that the proposed fish cleaning station design should also include the option of bagging fish offal for garbage disposal. He stated that Elmwood has only a limited BOD component and existing sewer customers should not have to pay higher fees or overage charges as a result of the marina adding fish offal to the sewer system.

Supervisor Shaw closed the Public Hearing at 6:04pm. Opportunity to be heard was given to all.

Public Comment:

Corey Flaska 6401 E. Allgaier Road

Jack Raeder 3590 S. French Road

Stan Kouchnerkavich, Elmwood Township

Tony Ansoerge 10101 E. Carter Road, Elmwood Township

Brandon Kelenske 5145 E. Hohnke Road

Joy Green 9371 S. Majestic Ridge Drive

(10 hands rose for supportive comments on Food Truck agenda item 11g)

Consent Calendar:

Department Reports:

Treasurer

Planning/Zoning

Post Audit Invoices 12-15-16 thru 1-5-17

Committee Reports:

Parks & Rec 12-6-16

Marina 11-9-16

Minutes:

Dec. 12, 2016

MOTION BY TREASURER STREET, SECONDED BY CLERK PRESTON TO APPROVE THE CONSENT CALENDAR AS PRESENTED. MOTION PASSED 7-0 BY A VOICE VOTE.

Agenda Approval/Modification:

Move Item **11b** to **11a** – Leelanau County 800MHz Radio User Agreement (Re-letter accordingly)

Remove Item **9a** - Consideration of the Cost Recovery Ordinance

Add Item **#11g** – M-72 Sewer Line Easement

MOTION BY TRUSTEE DARGA, SECONDED BY TRUSTEE O’ROURKE TO APPROVE THE AGENDA AS AMENDED. MOTION PASSED 7-0 BY A VOICE VOTE.

Reports/Presentations

Supervisor Remarks:

Supervisor Shaw reviewed his report.

Trustee Remarks:

Trustee Lautner cautioned against a lighting grant for the recycle center, in case repayment might be required if we were to remove recycling from the lot.

Trustee Trevas responded to public comments on food trucks, advising that a new zoning ordinance is currently in the works and encouraged people to get involved in the process.

Engineer’s Report:

Wade Trim Engineer – **Ken Schwerdt** reported that we received no bids for the back steps repair. He is now contacting contractors individually and may be able to get a quote. He also received 2 bids from an electrician to either add a generator to the township hall or to connect to the fire department generator.

Other Officer Remarks:

Fire Chief Tampa reported on the monthly stats and activities of the department.

County Commissioner Tony Anso (Elmwood Precinct #1) provided a verbal report.

Communications from the Clerk: None

Old Business

Parks and Recreation Plan Amendment:

MOTION BY CLERK PRESTON, SECONDED BY TREASURER STREET TO ADOPT RESOLUTION 2017-2, ADOPTING THE ELMWOOD TOWNSHIP COMMUNITY PARK, RECREATION, OPEN SPACE & GREENWAYS PLAN AMENDMENT. MOTION PASSED 7-0 BY A ROLL CALL VOTE.

New Business

Leelanau County 800MHz Radio User Agreement:

County Administrator **Chet Janik** & Emergency Management Director **Matt Anso** addressed the Board regarding the agreement.

Mr. Janik advised that Elmwood’s true cost is 159,100 and are being paid for by Leelanau County. However, Elmwood’s maintenance cost is spread out annually over 10 years at a cost of \$38,250.

MOTION BY TRUSTEE TREVAS, SECONDED BY TRUSTEE DARGA TO AUTHORIZE THE SUPERVISOR TO EXECUTE THE 800MHz RADIO USER AGREEMENT BETWEEN ELMWOOD TOWNSHIP AND LEELANAU COUNTY. MOTION PASSED 7-0 BY A ROLL CALL VOTE.

Water Reliability Study Contracts/Cost Estimates:

Wade Trim Engineer – **Ken Schwerdt** presented his bids to conduct the water reliability studies for both water systems. He stated that the documents will be changed to reflect Elmwood’s ownership rights to the document as well as other work to be done by Wade Trim in the future.

MOTION BY CLERK PRESTON, SECONDED BY TRUSTEE LAUTNER TO APPROVE THE TIMBERLEE WATER RELIABILITY CONTRACT WITH WADE TRIM IN THE ESTIMATED AMOUNT OF \$7800 WITH THE CONDITION THAT ELMWOOD'S OWNERSHIP OF THE DOCUMENTS WILL BE IN WRITING. MOTION PASSED 7-0 BY A ROLL CALL VOTE.

MOTION BY TRUSTEE LAUTNER, SECONDED BY TREASURER STREET TO APPROVE THE GREILICKVILLE WATER RELIABILITY CONTRACT WITH WADE TRIM IN THE ESTIMATED AMOUNT OF \$7700 WITH THE CONDITION THAT ELMWOOD'S OWNERSHIP OF THE DOCUMENTS WILL BE IN WRITING. MOTION PASSED 7-0 BY A ROLL CALL VOTE.

Bruce Lee Request to Purchase Township Property:

Planner/ZA **Sara Kopriva** assisted in the discussion.

It was Board consensus not to entertain any sale of the property at this time.

Timberlee Watermain Easements/Title Search:

Clerk Preston indicated that township staff could contact the title company to request the necessary title searches.

Tart Trail/Michigander Bike Tour:

The Board discussed the request submitted by Leelanau Conservancy Natural Areas & Preserves Manager **Becky Hill** to allow the DeYoung Natural area to be an official rest stop for the participants in the bike tour. There would be porta-johns available for the participants. Refreshments would also be offered.

Trustee Darga advised that the township needs to develop an events policy.

MOTION BY TRUSTEE LAUTNER, SECONDED BY TRUSTEE TREVAS TO ALLOW THE MICHIGANDER BIKE TOUR TO USE THE PROPERTY AS AN OFFICIAL REST STOP AREA FOR THE TOUR. MOTION PASSED 7-0 BY A VOICE VOTE.

Trustee Trevas advised that the Parks & Rec. Committee could work on some policy recommendations.

Fire Department Billing Update:

Supervisor Shaw advised that he and the Fire Chief would like to explore the possibility of using a company other than Northflight as our billing entity. They will be meeting with another company and will update the board next month. **Trustee O'Rourke** would like this to be a top priority so we may begin transporting patients.

Board Thoughts on Food Trucks in Elmwood Township:

Clerk Preston expressed concerns for the local taxpaying businesses that could be affected. **Trustee Darga** felt that there were too many questions to make any decisions tonight. **Trustee Lautner** felt that people should be able to decide if they want a food truck to stop at their private property and **Trustee O'Rourke** agreed. **Trustee Trevas** wondered where the line was between food trucks or other trucks like an ice-cream truck.

Planner/ZA **Sara Kopriva** advised that it would be helpful to the Planning Commission to know if the Board would be supportive of food trucks before spending time creating an ordinance to regulate them. Conditional Land Use and Licensing could be factors with this.

M-72 Sewer Line Easement:

MOTION BY TRUSTEE LAUTNER, SECONDED BY TRUSTEE DARGA TO SIGN THE ASSIGNMENT OF EASEMENT TO THE CITY. MOTION PASSED 7-0 BY A VOICE VOTE.

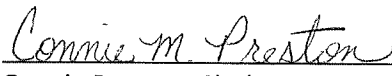
Payment of Invoices:

MOTION BY TREASURER STREET, SECONDED BY TRUSTEE DARGA TO PAY THE INVOICES IN THE AMOUNT OF \$81,318.70. MOTION PASSED 7-0 BY A VOICE VOTE.

Extended Public Comment: None

Adjournment:

Supervisor Shaw adjourned the meeting at 7:46pm



Connie Preston, Clerk

9 – Public Input, Notices, Meetings and Hearings Relative to 2023 Parks Plan
Notice of Survey and Copy of Survey
2023 5-Year Parks and Recreation Plan Survey Mailing, Notice, and Copy of Survey

Elmwood Township **Parks & Recreation Update**

The Charter Township of Elmwood Parks and Recreation Committee is working on a 5-year Parks and Recreation Plan. As part of this process, a survey has been created to gather public input on the current and future planning efforts regarding the park and recreation facilities within Elmwood Township.

We would appreciate if you take some time to complete the survey which is available online or at Township Hall. If you would like to submit the survey online, scan the QR code or go to the Parks and Recreation Committee’s page on www.elmwoodmi.gov. Responses will be accepted until: August 24, 2022.



The Parks and Recreation Committee will also host a community input session on the Parks and Recreation Plan on August 10, 2022 at 6:30pm at Elmwood Township Hall. Please keep an eye on our webpage for more information.



CHARTER TOWNSHIP OF ELMWOOD
10090 E. LINCOLN ROAD
TRAVERSE CITY, MI 49684 231-946-0921

NOTICE OF Special Parks and Recreation MEETING

PLEASE TAKE NOTE that the Parks and Recreation Committee of the Charter Township of Elmwood will hold a special meeting on August 3rd, 2022 at 4:30pm at Township Hall (10090 E. Lincoln Road, Traverse City, MI 49684). The purpose of this meeting is as follows:

1. Discussion on 8/10 Community Input Session

The public is invited to attend this Special meeting.

Individuals with disabilities who are planning to attend and require reasonable auxiliary aids should contact the Township Clerk by calling 231-946-0921.

Posted: 7/18/2022
11:00 am
Elmwood Township Hall
Connie Preston, Township Clerk

DRAFT



CHARTER TOWNSHIP OF ELMWOOD

Planning and Zoning
10090 E. Lincoln Rd, Traverse City, MI 49684
(231) 946-0921 Fax (231) 946-9320
Email: planner@elmwoodmi.gov

Elmwood Township Parks and Recreation Survey

This survey was created to help gather information from members of the public regarding the current and future planning efforts regarding the parks and recreation facilities within the Elmwood Township. Information collected in the survey will help the Township in its update to the 5 year Parks and Recreation Plan. A workshop on the Township's 5-year Parks and Recreation Plan will be held on August 10 at 6:30 at Elmwood Township Hall. If you have any questions regarding this survey, the Plan update, or other planning/zoning inquiries, please do not hesitate to reach out to Sarah Clarren, Elmwood's Planning/Zoning Administrator, at planner@elmwoodmi.gov.

Gathering input on existing parks and recreation facilities

- Please check which of the following public parks and recreation facilities you have visited over the past 12 months
 - Greilickville Harbor Park
 - Elmwood Township Marina
 - Cherry Bend Community Park
 - DeYoung Natural Area
 - TART Trail (TART)
 - (1) Road Side Park on West Grand Traverse Bay (MDOT)
 - (2) Road Side Park on West Grand Traverse Bay (MDOT)
 - Discovery Center and/or Discovery Pier (nonprofit)
 - Cedar Lake Boat Launch (MDNR)
 - Other
- What prevents you from utilizing Elmwood's open space and recreation facilities?
 - I didn't know what parks and recreation facilities are available
 - within the Township of Elmwood
 - No time
 - Unable to access due to accessibility barriers
 - Lack of parking
 - I'm not interested in the current facilities
 - Safety concerns
 - I don't have someone to go with
 - Poor condition of the facilities
 - It's too crowded
 - Lack of organized activities
 - Other

Gathering input to aid in planning for potential future facilities

- Please review the following items and let us know the FIVE that are the most important to you. (Please only select five).
 - Improvement of existing playing fields
 - Construction of new neighborhood parks/playgrounds
 - Acquisition of addition conservation land and/or land for active recreation (such as playgrounds)
 - Addition of ON road bike paths
 - Addition of OFF road bike paths
 - Promotion of awareness of open space amenities through education and outreach
 - Creation of dog parks
 - Improvement/maintenance of existing walking trails
 - Improvement of information/interpretive signage at trails and parks
 - Connecting existing walking and biking trails
 - Establishing new recreation programs (such as camps, classes, etc.)
 - Creating Township gathering places
 - More community gardens
 - Planting more trees
 - Public art in public spaces
 - Other
- Please check all of the below facilities that you (or your household) would use if the Township were to consider them.
 - Ice Skating Rink
 - Designated Pickleball court(s)
 - Disc Golf
 - Ping-Pong
 - Dog Park
 - Batting Cages
 - Other
- How do you think the Township should pay for additional parks and recreation amenities and their maintenance? Please check all that apply.
 - Private fundraising, grants (public and private), volunteer labor and limited general fund expenditures
 - Private fundraising, grants (public and private), volunteer labor and greater general fund expenditures.
 - A community millage to create a parks and recreation system
 - None of the above. I would like no additional resources or general fund expenditures to be spent on park assets
 - Other
- Are there any parcels of land you think the Township should investigate purchasing or permanently protecting for new conservation or recreation land?

General Questions

- 7. Do you agree or disagree with the following statements?:
 - *Elmwood's existing open space and recreational facilities/land are sufficient.*
 - Strongly Disagree
 - Disagree
 - Neutral
 - Agree
 - Strongly Agree
 - *Elmwood Township should acquire more land for recreational facilities.*
 - Strongly Disagree
 - Disagree
 - Neutral
 - Agree
 - Strongly Agree
- 8. How do you currently obtain information about local news, events, and activities? (Check all that apply).
 - Word of mouth
 - Elmwood's webpage
 - Television
 - Through the mail
 - Social media or online groups (i.e. Facebook, Twitter, etc.)
 - Email listservs
 - Local newspaper (Leelanau Enterprise)
 - Local newspaper (Record Eagle)
 - I currently do not obtain information city news, events, and activities
- 9. Please let us know about any other comments you may have (regarding Elmwood's parks and recreation facilities).

Demographic Questions

This section is aimed at gathering information about the demographics of people who use Elmwood's parks and recreational facilities.

If you do not feel comfortable answering any of the questions, just simply choose 'Prefer not to answer' for each question.

- 10. What's your age?
 - 17 or younger
 - 18-25
 - 26-34
 - 35-39
 - 40-49
 - 50-64
 - 65+
 - Prefer not to answer
- 11. How long have you lived in Elmwood Township?
 - 1-5 years
 - 6-10 years
 - 11-15 years
 - 16-20 years
 - 21+ years
 - I do not live in Elmwood Township
 - Prefer not to answer
- 12. Do any members of your household -- including yourself -- match the following descriptions?
 - Child (or children) under 18
 - Senior(s) age 65 or above
 - Person(s) with a disability
 - Prefer not to answer
- 13. If you would like to stay informed about the results of this survey, please let us know your email address. Your email address will be kept private.

CHARTER TOWNSHIP OF ELMWOOD
Park and Recreation Committee

Regular Meeting

August 10, 2022 at 6:30 PM

Location: Elmwood Township Hall (10090 E. Lincoln Road, Traverse City, MI)

- a) Call to Order – 6:30PM
- b) Roll Call
- c) Public Comment
- d) Agenda Modifications/Approval
- e) Minutes
- f) New Business
 - 1. Community Input Session on 5 Year Parks and Recreation Plan
- g) Old Business
- h) Comments from Committee Members and/or Staff
- i) Public Comment
- j) Adjourn

DRAFT

GOALS

Future Recreation Plan

4. Investigate and study possible parcels, which may be considered for future recreation land acquisition through the Michigan Department of Natural Resources (MDNR) and/or partnerships with the Leelanau Conservancy or Leelanau Brownfield Redevelopment Authority (LCBRA) to establish public private cooperative projects and/or permanent conservation easements, recreational amenities, or facilities.

Consider "Googasain" propert
for future rec. plan.

4-6 New ^{soon!}
Pickleball
COURTS —
(Not on tennis
courts)
with parking



Pursue acquiring
Brewery Creek
Property

Brewery
Creek
Googasians
Yes!

Township Marina Committee

5. Work with the Township Marina Committee to develop and implement recommendations to improve the joint asset of the Elmwood Township Marina and support amenities that are to be available and accessible to the general "recreating" public, and not specifically associated with the leased seasonal or transient dockage function of the marina.

Reduce or no fee
to launch a boat
for township
residents.

Ongoing Recreation Projects

6. Inform, Educate, and Encourage. Inform Township residents of ongoing recreation projects, educate them regarding all of the recreational benefits, and encourage broader input from our township residents.

GOALS

Recreation Maintenance Plan
7. Expand, develop, and maintain a parks and recreation maintenance program to ensure quality recreational opportunities at Township facilities long-term.

LOCAL PARKS

New
Pickleball court
near the Sr.
living area.
We will use it.

Fill me
in w/ your
own
goals!

Connections to TART
for Discovery Pier
Property

Touring bicycle camping
"Bike overnights"
Maintain bike facilities
(De Young)

Goals

- Goal of station is to get input from public on their goals for recreation facilities within the Township
 - Map of facilities
 - Our Goals
- Facilitating Questions
 - Any ideas for action items for our ongoing goals?
 - Is there a broad goal that we're missing?
 - What do you see and what are your goals?

GOALS

Greilickville Harbor Park

1. Continue to improve Greilickville Harbor Park as a diverse, multi-generational, universally accessible and sustainable recreation facility that serves the local population, the Grand Traverse region, and visitors.

PEDESTRIAN BRIDGE OVER M22

Corridors to Connectivity

2. Create and enhance the system of corridors to improve connectivity between the parks, trails, and greenways system, which will provide universal access between existing and potential Township recreation facilities, including Greilickville Harbor Park, the DeYoung Natural Area, and the Cherry Bend Community Park.

Yes! Trail or sidewalk on Cherry Bend ~~_____~~

SIDEWALK ON GRANDVIEW RD.

Cherry Bend Park

3. Make improvements to Cherry Bend Park in the same spirit that Greilickville Harbor Park has been redeveloped to provide a diverse, multi-generational, universally accessible and sustainable recreation facility and optimizes the available park land, links to nearby neighborhoods, Cedar Creek Commons and the Leelanau Trail, and provides desired 4-season active and passive recreation.

ADA Equipment for kids w/ spec. needs

Old Layout

New Layout



Let local Tax
Aging Township
Residents Launch
Abat - Free
at an Marina!!



Elmwood Marina Phasing Plan - March 2018 Update



Finish
Redevelopment
Project





RECONFIGURED M-22 ROAD SECTION (DESIGN TO BE DETERMINED)

CONFIRM GRADES PRIOR TO FINAL DESIGN

SPECIFIC ENTRANCE LOCATION TO BE DETERMINED PENDING RESULTS OF TRAFFIC MANAGEMENT STUDY

PICO DRIVE

FISH CLEANING STATION

SHORT TERM PARKING FOR FISH CLEANING

GRANDVIEW DRIVE

BOAT TRAILER PARKING (79)

DOG RUN PICNIC AREA

BIKE PARKING

SPECIFIC ENTRANCE LOCATION TO BE DETERMINED PENDING RESULTS OF TRAFFIC MANAGEMENT STUDY

DUMPSTER CORRAL

ACCESS CONTROL

PICNIC AREA

NEW SIDEWALKS (6') & LANDSCAPE BUFFER EACH SIDE OF M-22

BREWERY CREEK DRIVE

NEW WALK CONNECTION TO PEDESTRIAN UNDERPASS

RELOCATED ACCESS INTO CENTERPOINT PROPERTIES

DINGHY LAUNCH RAMP

SHOPPER'S COURTESY DOCK (6 SLIPS)

RAMP TO SHOPPER'S DOCK (UNIVERSALLY ACCESSIBLE - TYP.)

REMOVABLE FLOATING DOCK SECTIONS (SEASONAL IN/OUT OF BOATS)

HARBOR MASTER/ MARINA OFFICE

PUBLIC RESTROOMS (2)

STORAGE (MARINA)

EXISTING BOAT RAMPS TO REMAIN

EXISTING INFRASTRUCTURE TO REMAIN

PASSENGER VEHICLE PARKING (70)

PICNIC AREA

DOCK - B

PUBLIC PROMENADE

- SEATWALLS
- LANDSCAPING
- LIGHTING (SHIELDED)

DOCK - A

NEW MARINA COMPLEX

- KEYED BOATER'S FACILITIES
- RESTROOMS/SHOWERS
- LAUNDRY
- LOUNGE/MAP ROOM
- FLEX OFFICE SPACE
- MULTIPURPOSE ROOM (SECOND FLOOR)

PUBLIC FACILITIES

- RESTROOMS
- CONCESSIONS

FISHING PIER & PUBLIC PROMENADE

- 10-12' WIDE WALK WITH RAILINGS, BENCHES

ACCESSIBLE CONNECTION TO FISHING PIER

BREWERY CREEK RESTORATION AREA

PARKING

EXISTING CONDITIONS			
BOAT TRAILER	134 SPACES		
PASSENGER VEHICLE	82 SPACES		
PREFERRED PLAN			
BOAT TRAILER	79 SPACES	(- 42 SPACES)	
PASSENGER VEHICLE	90 SPACES	(+ 8 SPACES)	
OFF-SITE PARKING*			
BOAT TRAILER	120 SPACE	(+ 68 SPACES)	
PASSENGER VEHICLE	110 SPACES	(+122 SPACES)	

* REFER TO DISTRICT PLAN FOR POTENTIAL SHARED PARKING LOCATIONS.

LEGEND

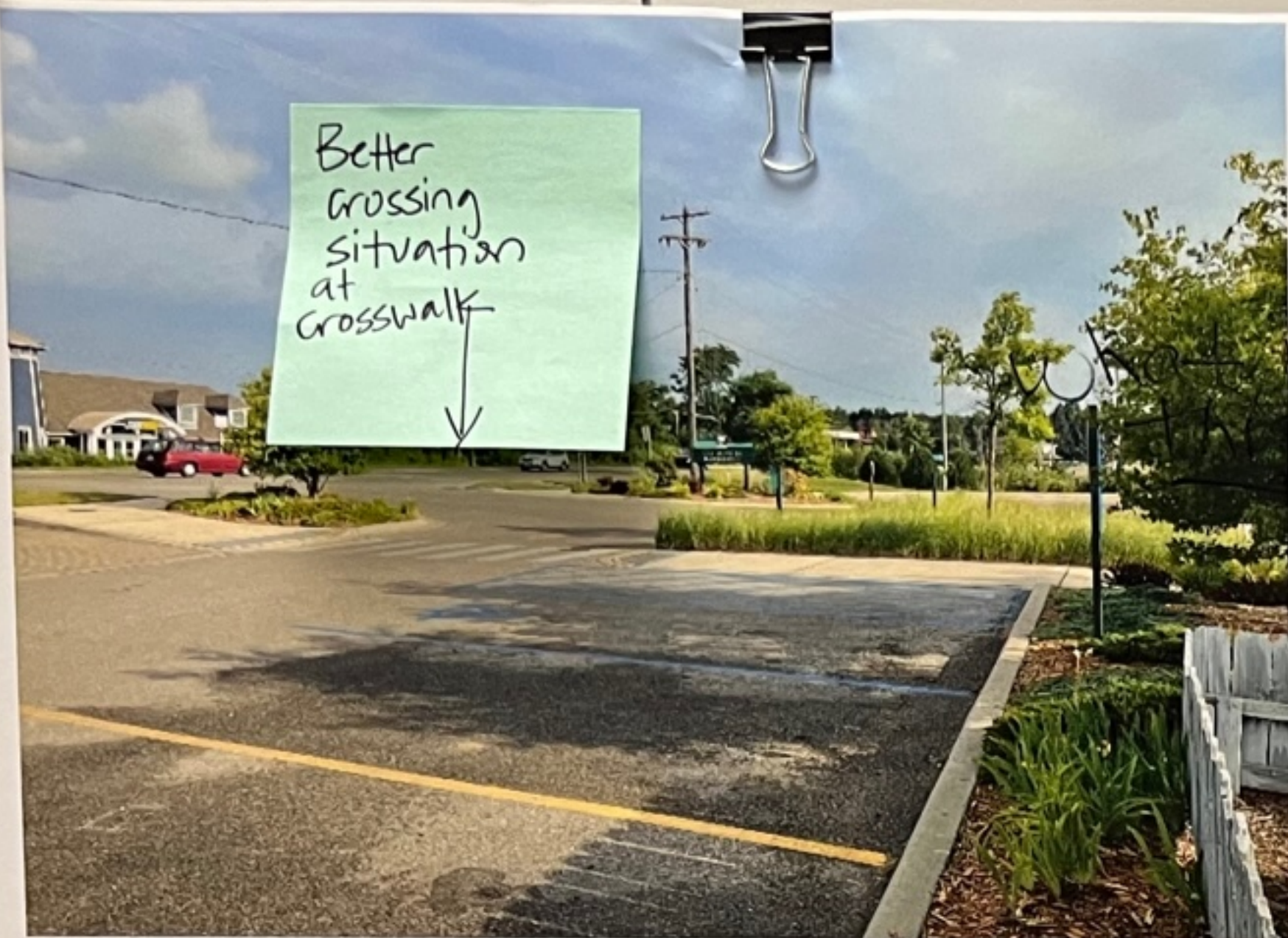
- # NUMBER OF PROPOSED SPACES
- ACCESS CORRIDOR
- PUBLIC AREA
- DUMPSTER CORRAL
- BIKE PARKING

What makes an ideal park

- Natural barriers to separate kids from traffic
- Family friendly Bathrooms
- All Season ~~recreation~~ ^{recreational} infrastructure
- expand cherry bench playground make it ~~the~~ theme based (aka pirate playground)
- After school camp & programs (summer too) - Love this!

ADA compliant
accessible
Braille signage

write on me (please)



Better crossing situation at crosswalk



WARNING NO ANIMALS ALLOWED IN PARK No Lifeguard On Duty Swim At Your Own Risk

new sign is this is now worn

used by families

LOVE

sense of community

write on me (please)



PROXIMITY

Table Tennis



Better signage



Add info about indigenous history of township

GREILICKVILLE This village was first known as Norristown, in honor of Seth and Albert Norris who opened a gristmill about 1853. In the mid-1850s, Grey Grelick and some natives whom he built a small, water-powered sawmill. The steam-powered Lick Bros. mill replaced this in 1865. Until its destruction by about 1907 the mill was one of the most important on Grand Traverse cutting in 1863 eight and one-million feet of hardwood lumber. Industries in the nineteenth century included a brickyard, brewery, tannery. When the Manistee and the Eastern Railroad entered town in 1868 the station was called Greilicks. The village also took this name. Population peaked at about two hundred, and in 1902 the postoffice discontinued.

Hammock locations



really nice social distancing

USED

no issues w/ parking... BUT puddles



more moorings



- Map Legend
- Senior-Free Beach Access
 - Public Swimming Beach
 - Wood Boardwalk Overlook
 - Grill Areas
 - Picnic Pavilion
 - Play Structure
 - Sand Volleyball
 - Natural Rain Garden
 - Bicycle Parking
 - Pedestrian Bridge
 - Family Style Restrooms

HAWK signals deer in headlights crossing

always looking in rearview mirror

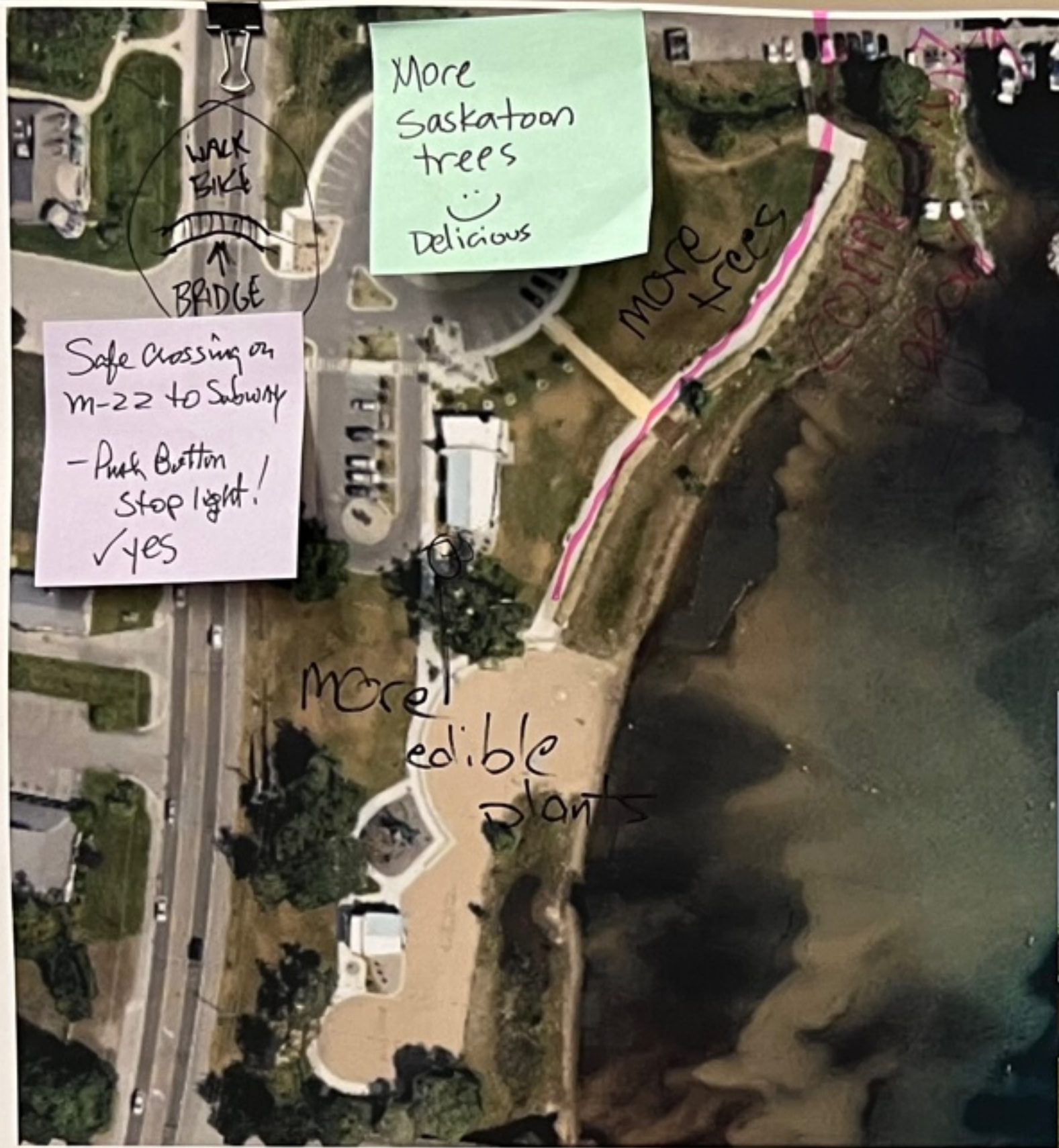
connecting points tunnel@burro

working QR code



For additional information on Elmwood Township and Greilickville Harbor Park, Use a QR reader to scan this code

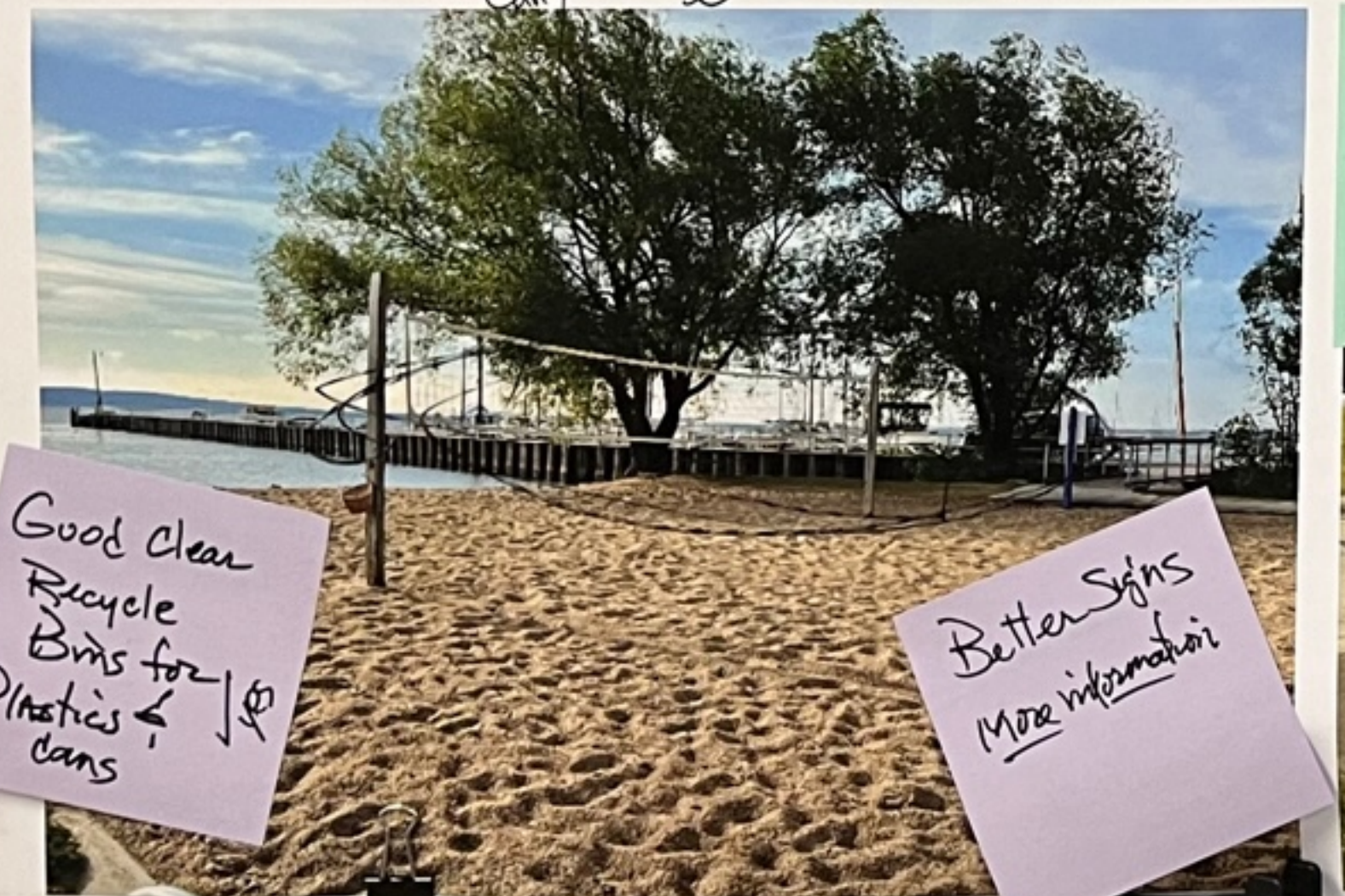
GREILICKVILLE HARBOR PARK



Recycling facilities

is this utilized? How can it be more so

FOOD TRUCKS (ICE CREAM) if so, make it so you don't need to cross road.



Good Clean Recycle Bins for Plastics & cans

Better Signs More information

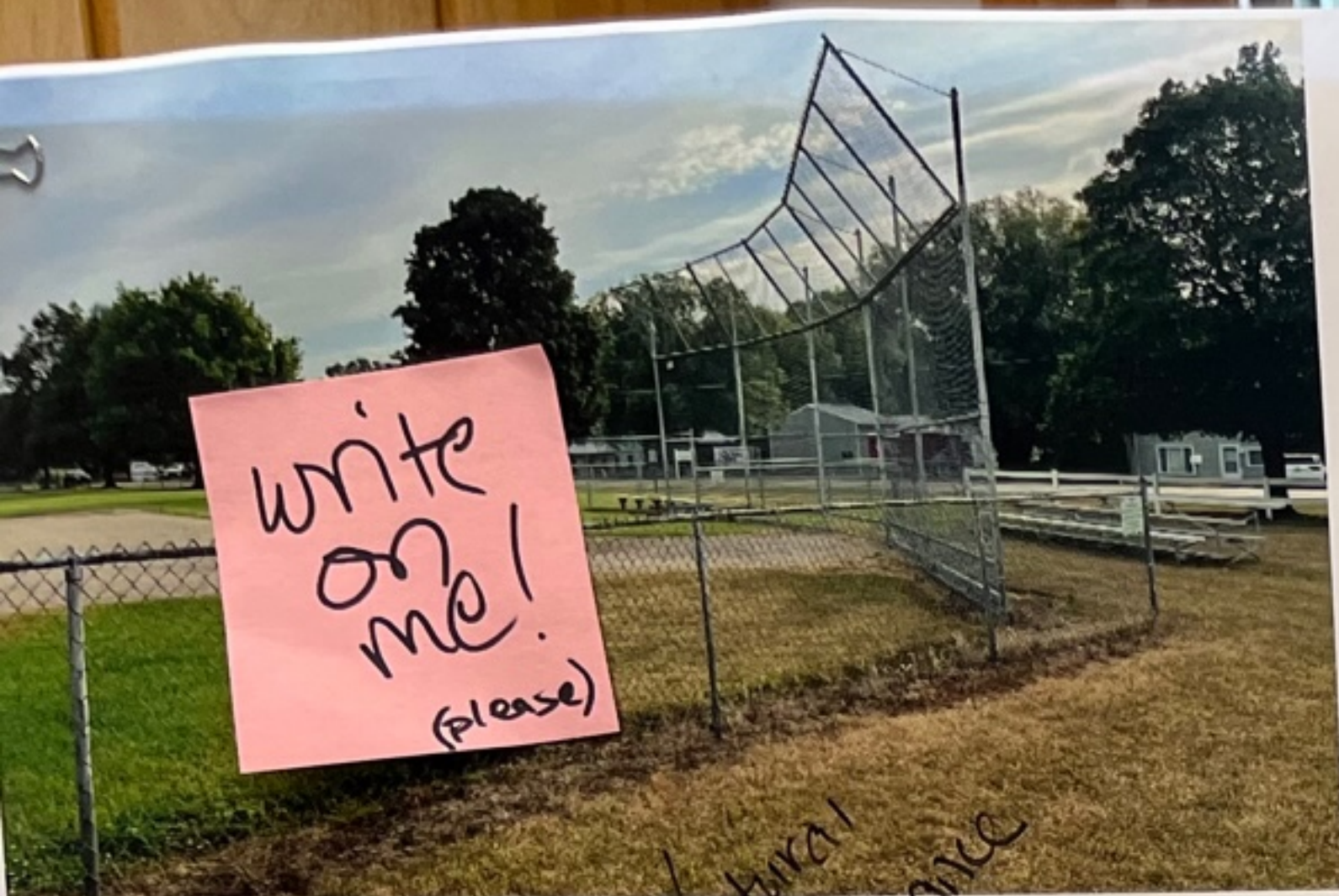


Bigger rock wall



better signage

Connection to the trail from the Discovery Center Park Area with Good Signs



write on me!
(please)

Less lawn /
More natural /
Less maintenance



ADA Playground



A new area for
separate 4+
Pickleball courts
- Same - Please

Don't let
Pickleball
take over



Duck fields

Need
Toddler
Facilities



better signs





Below are documents that will be included at a later date

Parks and Recreation Committee Recommendation for Consideration of 5-Year Parks and Recreation Plan Update - Meeting Minutes (October 25, 2022)

Township Board Recommendation for Public Hearing for 5-Year Parks and Recreation Plan Update - Meeting Minutes (November 14, 2022)

5-Year Parks and Recreation Plan Update – Notice of Plan Availability (TBD)

5-Year Parks and Recreation Plan Update – Notice of Public Hearing (TBD)

Township Board Public Hearing and Plan Adoption - Meeting Minutes and Resolution (TBD)

Adopted Plan Transmittal to County and Regional Planning Agencies (TBD)

DRAFT