NOTICE OF MEETING

SHEBOYGAN COUNTY PLANNING, RESOURCES, AGRICULTURE AND EXTENSION COMMITTEE

July 13, 2021

3:30 PM

UW Extension Office UW Sheboygan Campus 5 University Drive Sheboygan, WI Room 5024

Remote Access: (312) 626-6799

Meeting ID: 956 6404 0989

Passcode: 856197

https://zoom.us/j/95664040989?pwd=dGJrYIZ5Tmx2RVcvRDFsdU5Ld0IXZz09

* AGENDA *

Call Meeting to Order
Certification of Compliance with Open Meeting Law
Approval of Minutes
- PRAE Committee - Regular Meeting – June 8, 2021
Correspondence

Planning & Conservation

Consideration of 2021 Stewardship Applications

Other Department Project and Program Management Updates
Consideration and Approval of Attendance at Other Meetings/Functions
Travel Report and Report of Meetings and Functions Attended
Review and Approve Vouchers
Adjournment
Next scheduled meetings - July 27, 2021 at 3:30 PM (UW Extension Focus)
- August 10, 2021 at 3:30 PM (Planning & Conservation Focus)

Prepared by: Karsen Gosh, Recording Secretary (920) 459-1370

Approved by: Keith Abler, Chairperson (920) 207-9351

NOTE: The Committee welcomes all visitors to listen & observe, but only Committee members & those invited to speak will be permitted to do so, except for the Public Hearing portion of this meeting where any interested person can speak. Person with disabilities needing assistance to attend or participate should contact the County Planning & Conservation Department at 920/459-1370 prior to the meeting so that accommodations may be arranged.

NOTE: A majority of the members of the County Board of Supervisors or any of its committees may be present at this meeting to listen, observe and participate. If a majority of any such body is present, their presence constitutes a "meeting" under the Open Meeting Law as interpreted in *State ex rel. Badke v. Greendale Village Board*, Wis. 2d 553 (1993), even though the visiting body will take no action at this meeting.

SHEBOYGAN COUNTY PLANNING, RESOURCES, AGRICULTURE, & EXTENSION COMMITTEE MINUTES

Sheboygan County UW-Extension Office
5 University Drive
Sheboygan, WI
Room 5024
and
Via Zoom

June 8, 2021 Called to Order: 3:33 PM Adjourned: 4:11 PM

MEMBERS PRESENT: Supervisor Keith Abler, Supervisor Rebecca Clarke, Supervisor

Henry Nelson, Supervisor Mike Ogea, Supervisor Paul Gruber, and

FSA Member Stan Lammers

MEMBERS ABSENT: None

OTHERS PRESENT: Aaron Brault, Karsen Gosh, Tyler Betry, Patrick Siwula, Dave

Huenink

Chairperson Abler called the meeting to order at 3:33 PM and verified that the meeting notice had been posted on June 4, 2021 at 10:45 AM and that the meeting was in compliance with the Wisconsin Open Meeting Law.

Supervisor Nelson made a motion to approve the May 11, 2021 Planning, Resources, Agriculture and Extension Committee minutes. Supervisor Ogea seconded the motion. Motion carried unanimously.

Planning & Conservation – Patrick Siwula, Aquatic Invasive Species Coordinator for the Planning & Conservation Department, gave a brief presentation on controlling Purple Loosestrife using biocontrol methods. Mr. Siwula addressed questions from the Committee.

Mr. Brault explained the amended Young Men's Christian Academy's (YMCA Camp Y-Koda) license agreement to the Committee. The agreement would allow the YMCA to utilize the new multi-purpose building at the Sheboygan Marsh for their Outdoor Environmental Education Program. This item was presented at the May 11, 2021 PRAE Committee Meeting but was tabled until a few minor modifications were made. Supervisor Ogea made a motion to approve the amended resolution. Supervisor Gruber seconded the motion and the motion carried unanimously.

Mr. Brault presented the Wood County Resolution and answered questions from the Committee. Supervisor Nelson made a motion to file the resolution. Mr. Lammers seconded the motion and the motion carried unanimously.

Mr. Brault gave a brief departmental update on the State's budget approval of the dam safety grant which would allot money for the replacement of the dam at the Sheboygan Marsh in 2023, the final approval of the Amsterdam Dunes Mitigation Bank, and an invasive species grant to manage wild chervil.

Mr. Betry informed the Committee about the Between the Lakes Demo Farm field day event coming up on June 23, 2021. Mr. Lammers made a motion to approve mileage and per diem for Committee attendance to the Between the Lakes Demo Farm field day event coming up on June 23, 2021. Supervisor Ogea seconded the motion and the motion carried unanimously.

Supervisor Nelson made a motion to approve the vouchers. Supervisor Clarke seconded the motion. The motion carried with Supervisor Ogea voting nay.

Supervisor Ogea moved and Mr. Lammers seconded to adjourn. Motion carried unanimously with adjournment at 4:11 PM.

Next meeting (UW-Extension focus) is scheduled for Tuesday, June 22, 2021. Next meeting (Planning & Conservation and Register of Deeds focus) is scheduled for Tuesday, July 13, 2021.

Prepared by: Karsen Gosh Recording Secretary Approved by: Keith Abler, Chairperson (920) 207-9351



Sheboygan County Planning & Conservation Department

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Director

Aaron C. Brault

Memo

TO: Planning, Resources, Agriculture & Extension Committee Members

FROM: Tyler Betry

DATE: July 13, 2021

RE: 2021 Stewardship Staff Recommendation: City of Sheboygan & Restoration of Our Trees Sheboygan

(ROOTS) - Replacing Ash Trees & Implementing BRAGS Project

The City of Sheboygan, in conjunction with ROOTS, have submitted a project development application requesting \$15,000 to assist in replacing diseased ash tress within the City due to Emerald Ash Borer (EAB) by establishing a Bare Root Accelerated Growth System (BRAGS).

If awarded, funds from this grant will be utilized for replacing 100 EAB affected ash trees within 9 parks throughout the City of Sheboygan, and for components to create the BRAGS gravel bed. BRAGS is a gravel bed system used to raise bareroot tree stock. Bareroot stock can be purchased in spring for a lower cost compared to potted or burlapped trees. The intent of the BRAGS project is to purchase bareroot stock in spring at lower cost, raise them in the gravel bed to improve the trees root systems, then plant these trees at a later date. The trees are easier to transplant from the gravel bed to their future locations, and will have a healthy and extensive root system.

Based on the application, which was scored 1st with an average staff score of 28/58, staff proposes that the PRAE Committee recommend funding in the full amount \$15,000 contingent upon obtaining the required 50% or more match. Listed below are the pros and cons of the project that staff developed.

Pros Cons

- Strong local support
- Great cost saving solution for future mitigation projects
- Successful applicant from a prior year
- Innovative project

• Little immediate recreation value

Sheboygan County Stewardship Fund Grant Application April 2021

Emerald Ash Borer Nine Park Mitigation Project and Bare Roots Accelerated Growth System Gravel Bed Development.

Sheboygan, WI

A collaborative project submitted by

Restoration Of Our Trees Sheboygan (ROOTS)

An initiative of the

Rotary Club of Sheboygan/Sheboygan County Rotary Foundation



in collaboration with

The City of Sheboygan



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To view the Sheboygan County Outdoor Recreation & Open Space Plan, visit sheboygancounty.com and navigate to the Planning & Conservation Department's page.

Qualifying Questions

Proposals not qualifying in this section will not move forward in the grant selection process.

F	Applicant:
N	funicipality/organization: City of Sheboygan in collaboration with Sheboygan Rotary Club & Sheboygan County Rotary Foundation
abla	501(c)(3) non-profit organization
V	Town, Village, or City in Sheboygan County
	Other governmental agency
	n what manner is this project consistent with the Sheboygan County Outdoor Recreation & Open Space Plan?
	Project has been identified in the Plan and its boundaries are entirely within the Plan Project has partially been identified and/or buffers a project identified in the Plan Project fits the intent of one or more of the goals of the Plan
Ш	This project is not identified in the Plan, but is identified in the following local, state, or federal plan:
P	roject applies to which of the following categories:
	Project development
	Real estate acquisition
	Discretionary (explain):

Please complete this form and attach to the front of the application packet.

Attachment A - Applicant and Project Information

Applicant Information						
City of Sheboygan (Department of Public Works - Forestry Division) in collaboration with Sheboygan Municipality / organization Rotary Club & Sheboygan County Rotary Foundation - Restoration Of Our Trees Sheboygan (ROOTS						
Contact person / title C	Contact person / title City of Sheboygan Forester, Mr. Tim Bull and ROOTS Coordinator, Mr. Anthony Fessler					
Address Tim Bull: Municipa	Service Building, 2	2026 New Jersey	Avenue: Anthor	y Fessler: 1615	Briarwood Road	
City, state, zip code Tim	Bull: Sheboygan, \	NI 53081; Anthor	ny Fessler: Sheb	oygan, WI 5308	3	
Phone number Tim Bull:	920-459-3395 An	thony Fessier: 9	20-946-6770			
Fax number 920-459-344	43 (Tim Bull at the C	City of Sheboyga	n Department of	Public Works)	***	
Email Timothy.Bull@shebo	yganwi.gov_Fessle	er.E.Anthony@gn	nail.com			
Organization website	www.sheboygandp	w.com www.ro	otswi.org			
Project Informatio	<u>n</u>					
Project location: 2026 New Jersey Ave	Township 15N	Range 23E	1/4 1/4 SE SW	Section 22		
Project type:	Project develo	•	nent)	Propert Discreti	y acquisition (fee title) onary	
Total project cost (if p	roject developi	ment or discr	etionary):		\$ \$52,679.51	
Total purchase price (if land acquisiti	on):			\$	
Total grant request (u	p to 50% of tot	al project cos	t):		\$ \$15,000.00	
Ultimate title or easement holder (if land acquisition):						
Brief project description: This project has two parts, one being the planting of 100 trees in nine City of Sheboygan parks in the fall of 2021. These trees are replacing 100 ash trees that were or will soon be removed from these parks due to emerald ash borer (EAB). The other part is constructing a Bare Root Accelerated Growth System (BRAGS) for the purpose of greatly increased cost- effective purchase and rapid development of replacement tree stock essential in mitigation of the City's tree canopy loss due to EAB.						
I certify that the information best of my knowledge.			•			
Tim Bull/City of Sheboygan Foreste	er Anthony Fac	sler/ROOTS/She	boygan Rotary C	Club Coordinator		
Name / Title	- Androny 1 63			-		

Attachment C Budget Worksheet for Project Development Applications

Development Project Items (list by individual item or break down by use areas) (include donated materials and/or time)	Indicate Contract (C), Force Account (F), or Donated (D)	Quantity and unit of measure	Component Cost	Estimated total item cost
Honey Locust (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
Swamp White Oak (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
New Harmony Elm (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
Amur Maackia (For BRAGS Spring 2022)	С	(30) @ 1.5"	98	2940
Paper Birch (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
Ohio Buckeye (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
Dogwood (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
Japanese Tree Lilac (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
Eastern Redbud (For BRAGS Spring 2022)	С	(30) @ 1.5"	85	2550
Serviceberry (For BRAGS Spring 2022)	С	(30) @ 1.5"	98	2940
Asphalt	С	(115) tons	35.17	4044.55
Pea Stone	С	(45) yards	23	1035
Boarder Block (6'x2'x2')	С	(35) blocks	30	1050
Treated Lumber	С	(5) 2"x12"x12'	54.57	272.85
Treated Lumber	С	(5) 2"X10"X12'	29.98	149.90

Hot Dipped 4-inch Lag Screw	С	(5) Pack of 25	19.39	96.95
2" PVC pipe Schedule 40	С	(20) 10' pipe	10.49	209.80
2"x2"x ¾" Socket PVC Reducer Tee	С	(30) units	1.49	44.70
¾" Hose Bibs	С	(30) units	8.29	248.70
50' Soaker Hose	С	(30) units	9.99	299.70
2" Socket PVC Cap	С	(4) units	1.79	7.16
PVC to Hose Bibb Adapter	С	(30) units	2.35	70.50
2" Pipe Strap	С	(30) units	0.49	14.70
Drainage Structure	С	1 unit	1000	1000
Plumber Costs for installing water line	С	Quoted	5639	5639
Gravel (for base)	С	(36) yards	23	828
Stone (for base)	С	(36) yards	23	828
City Excavator Use (BRAGS construction)	D	(24) hours	85	2040
City Skid Loader Use (BRAGS construction)	D	(32) hours	75	2400
City Paver Use (BRAGS construction)	D	(8) hours	85	680
City Roller Use (BRAGS construction)	D	(8) hours	75	600
City Dump Truck Use (BRAGS construction)	D	(32) hours	75	2400

City Manpower Use (BRAGS construction)	D	(112) hours	70	7840
Pawn Redwood (Fall 2021 9 Park Planting)	С	(20) @ 1.75"	92	1840
Swamp White Oak (Fall 2021 9 Park Planting)	С	(20) @ 1.75"	107	2140
Sugar Maple (Fall 2021 9 Park Planting)	С	(20) @ 1.75"	98	1960
Honeylocust (Fall 2021 9 Park Planting)	С	(20) @ 1.75"	98	1960
Ginkgo (Fall 2021 9 Park Planting)	С	(20) @ 1.75"	133	2660
City Planting Equipment Use (Fall 2021 9 Park Planting)	D	(64) hours	60 to 85 per hour depending on equipment	4079
City Manpower and/or Volunteer Time (Fall 2021 9 Park Planting)	D	(64) hours	70	4480
			Total Donated (not included in total cost)	\$ 24519.00
			Total Costs:	\$ 52679.51
Stewardship	o Fund Gra	ant request amount	(50% of total):	\$ 15000.00

2021 Sheboygan County Stewardship Grant Program Application Narrative Outline Attachment D

Form A

Introduction

The Sheboygan Rotary Club in conjunction with the Sheboygan County Rotary Foundation, an IRS certified 509(a)(1) public charity derived from an IRS certified 501(c)(3) entity, executive agent for coapplicant Restoration Of Our Trees Sheboygan (ROOTS), presents this development project in collaboration with the City of Sheboygan. The project provides for the accelerated cost-effective mitigation of Emerald Ash Borer (EAB) destruction to major portions of the tree canopy in nine municipal parks and for the supportive establishment of a Bare Roots Accelerated Growth System (BRAGS). Sheboygan as Wisconsin's first and longest continuous recipient of the coveted national Tree City USA award, like all other communities along the eastern Lake Michigan corridor and beyond, is experiencing irreversible destruction more than a third of its public and private urban forest canopy due to EAB. In response, over a period of recent years the City has instituted an aggressive but necessarily costly remediation program involving selected chemical treatment, diseased tree removal and replanting of diverse, sustainable non-ash species. The proposed project seeks the cost-effective acceleration of this essential mitigation program.

This application is submitted consistent with the ROOTS mission and objectives to marshal both private and public financial, material, labor, and equipment resources in an *ali-hands-on-deck, whole of community effort* to accelerate EAB mitigation in key areas throughout Sheboygan County. The project plans and budgets for greatly accelerating the City's replanting mitigation of its public urban forestry assets. The City in collaboration with ROOTS has developed a plan to be implemented in 2021 and early 2022 to replace the loss of over 100 heritage diseased ash with a like number of diverse, sustainable species trees. Associated with this replanting mitigation, the co-applicants plan the construction of 560 tree capacity Bare Roots Accelerated Growth System (BRAGS) gravel bed to dramatically lower long term EAB mitigation costs starting in 2021 and extending to future years. The project includes the acquisition of approximately 300 additional trees in late 2021 to be introduced into the BRAGS gravel bed in the spring of 2022 for replanting later in the annual season.

County grant funds will be applied and allocated to both the mitigation and BRAGS components of this project in strict conformity with Stewardship Program limitations and guidelines with private and other public financial, in-kind, and other support invested well in excess of match request of \$15,000.

This private sector ROOTS and City of Sheboygan collaboration provides a project to achieve the following objectives as further explained in this narrative:

- Maintaining and improving the aesthetic and natural features of the Sheboygan's most important, accessible, and utilized recreation facilities through preservation of essential urban forest assets;
- Greatly accelerating the essential mitigation response to EAB loss through development of a 560tree capacity cost-savings BRAGS gravel bed;
- Through resulting expanded, cost-effective mitigation of the municipal urban forest assets, advancing general public health through enhanced removal of tons of pollutants and CO2 simultaneously generating fresh oxygen in the atmosphere;
- Demonstrating the community's commitment to combating climate change;
- Preservation of the City's premier parks and green spaces essential to outdoor recreation, large community gatherings, and family, non-profit organization and corporate social events:
- Promoting the economic development of Sheboygan mandated by the City's Smart Growth Plan
 by preservation of natural parkland and recreational facilities essential to attracting and retaining
 revenue generating enterprise and a high quality workforce;
- Promoting the Sheboygan County Comprehensive Outdoor Recreation and Open Space Plan of 2015 as amended; and,

 Supporting community non-profit clubs and organizations through the effective continued maintenance of year-around, safe, readily accessible venues for outdoor recreation and play essential to public health for the benefit of persons of all ages including persons with physical, mental, and emotional disabilities as protected by State and Federal law.

Natural Resources: Water

By supporting municipal efforts to efficiently mitigate EAB caused loss of well over a quarter of its urban forest, the project will address the continuing need to absorb and control both natural and urban generated water runoff throughout the City. Operationalization of the BRAGS gravel bed leading to the cost-effective acquisition and development of a diverse tree stock in 2021 and beyond will directly support municipal, County, State, and U.S. Federal water quality mandates and standards. The project particularly supports increased stormwater runoff and water quality standards pertaining to the Sheboygan River basin and eastern Lake Michigan watershed. Ongoing removal of thousands of diseased urban forest ash in the absence of accelerated replanting mitigation has a direct deleterious impact on stormwater runoff and water basin quality. Both components of this project present a cost-effective, practical response.

Natural Resources: Land

The City of Sheboygan through its leadership and established plans strongly endorses the maintenance and preservation of its recreational parks and urban forest preserves. (Appendices A, B, & C). Preservation of a robust urban forest is essential to offering residents and visitors ready access to numerous outdoor recreation outlets including sport playing fields, playgrounds, jogging paths, bike and scooter trails, sports fishing, strolling and dog walking, cross country skiing and other seasonal winter sports, picnic sites, open air public events, parades, boating, and kayaking, among other activities. A robust tree canopy is key and essential to offering each of these and numerous other forms of outdoor recreation to residents and tourists. Year-around open space and outdoor recreation have been particularly valued by the community over the past year of pandemic constraints on social interaction. Even a brief walk in any season along a Sheboygan City street or in any of its parks, evidences the importance to the community of its open spaces and the attendant urban forests to persons of all ages and abilities or disabilities.

Community Cooperation

The BRAGS development and nine park EAB mitigation constitute a ROOTS – City collaboration between local government and both the non-profit and for-profit sectors of the community. Project planning and development, fund-raising, and building community support has been, and continues to be, a team effort. Principal stakeholders in this collaborative effort are the City Park's and Forestry Division, the Sheboygan Rotary Club's ROOTS initiative and the Sheboygan County Rotary Foundation acting as executive agent as well as ROOTS partner the Lakeshore Natural Resource Partnership (LNRP) network. It is anticipated that additional support will be sought from the regional Rotary District 6270 which in 2020 supported three ROOTS projects in the County including two for the City of Sheboygan.

As evidenced by appendices to this application, the ROOTS initiative has been officially and strongly endorsed by the City of Sheboygan through a Council Resolution adopted in 2018 as well as by a resolution adopted by the Sheboygan County Board of Supervisors in 2019. (Appendices D & E) Current City political and administrative leadership has further endorsed the project proposed in this application. (Appendices A & B) The ROOTS initiative and its collaborative projects have been briefed to and have the enthusiastic support of the Regional Forestry Manager for the Wisconsin DNR. On February 23, 2021, the Wisconsin Urban Forestry Council of the Wisconsin Department of Natural Resources honored ROOTS with its statewide Project Partnership Award for 2021 citing its collaborative efforts in combatting EAB in Sheboygan County. Projects cited by the Council as a basis for this award included five completed in Sheboygan County in 2020 including one supported by County Stewardship Program this past year for the City of Sheboygan Falls. (Appendix F)

Rotary District 6270 with jurisdiction for numerous Rotary Clubs throughout eastern Wisconsin in 2020 awarded all three Sheboygan County Rotary Clubs its maximum District Grant Award for three separate ROOTS collaborative projects completed with municipal governments in Sheboygan County. ROOTS, and it partner LNRP, have been featured by area print and social media for their EAB mitigation efforts over the past two years throughout the County. (Appendix G).

The proposed BRAGS gravel bed and nine park EAB mitigation project seeks to benefit the residential, non-profit, and business communities in Sheboygan and surrounding areas.

The Sheboygan Rotary Club membership of 100 including numerous business and civic leaders, the Executive Director of the Sheboygan County YMCA, the Director of the Maywood Environmental Center, and other community leaders strongly support ROOTS and this project. (Appendices H,I & J)

Density Standards

The proposed project is consistent with and supports the City of Sheboygan zoning regulations. Its focus is to preserve and enhance the City's premier open space and urban forest features. As noted in attachments to this application, the nine parks which are the subject of the EAB mitigation component of this project are situated throughout all parts of Sheboygan with a particular emphasis on preserving open space in both older as newly developed more heavily populated areas. Moreover, the parts of the community served by these parks represent a full spectrum of socio-economic, racially and age diverse, and demographically mixed populations. Once again, this ROOTS-City collaboration represents an *all-hands-on-deck/whole-of-community* response to preservation of the essential urban forest canopy for the benefit of all.

Form B Project Development

Introduction

ROOTS first introduction to the City resulted from a cooperative venture between the Sheboygan Rotary Club as well as Early Bird Rotary Club and City Superintendent of Parks & Forestry, Joe Kerlin, in 2018. The clubs made a \$14,500 donation during Arbor Day commemorating the City's 40th anniversary as Wisconsin first and thereafter continuously recognized recipient of the national Tree City USA Award. Thereafter, ROOTS was formed by the Sheboygan Rotary Club in late 2018 in recognition of the need for private and non-profit sector engagement in supporting local governments overwhelmed in combating EAB throughout the County. ROOTS was specifically founded to identify and secure financial and material resources for local governments throughout the County while increasing public awareness of the imminent EAB impact to urban and rural forestry assets – both public and private. (Appendix K).

In the first two and half years since its inception, ROOTS has sought private sector engagement from area businesses, corporations, foundations, and private donors to fund its tax-deductible community investment fund (CIF) overseen by its executive agent, the Sheboygan County Rotary Foundation. (Appendix L) Using CIF funds to match community local government and other source funding, ROOTS has now completed five collaborative EAB mitigation projects throughout the County. In addition, ROOTS, in concert with its partner LNRP, has secured substantial grant funding from the Wisconsin DNR through urban forestry grants supporting development of township forest management plans as well as U.S. Forest Service grants to mitigate EAB throughout Sheboygan and adjoining counties. ROOTS and LNRP have brought substantial outside resources for both the County and County local governments in response to EAB devastation. LNRP support for this project is contained in Appendix M.

The proposed Sheboygan BRAGS gravel bed will be only the second constructed in the County. The proposed BRAGS gravel bed is planned to support a seasonal capacity of approximately 560 replacement trees. Less developed tree stock will be purchased late the prior year or in late winter at lower per unit cost, planted in the BRAGS at the beginning of planting season and relocated later the same year after the rapid development of healthy new root growth. The proven numerous advantages of the BRAGS concept are outlined in detail in a University of Minnesota study attached. (Appendix N).

Extraordinary early results of even a modest size BRAGS gravel bed now in operation in Plymouth and a considerably larger system in the Racine have resulted in the accelerated development of young replacement trees for their respective communities. (Appendix O). Resulting accelerated tree stock development brought in-house by local government foresters has increased mitigation planting at significantly lower cost to taxpayers. Apart from resultant cost savings, the BRAGS generates greater number of sustainable tree stock in less time and with plant growth enhancement dramatically improving sustainability when permanently placed. The BRAGS will serve as a demonstrator and test bed of this relatively low-cost, low-technology system for other local governments throughout the County similarly engaged in active EAB mitigation efforts. In support of this application, the City commits to using its BRAGS as a County-wide test bed and teaching site for other public and private entities wishing to replicate and develop multiple BRAGS throughout the area.

Planning Factors

This application includes site photographs and schematic plans of the BRAGS proposed for placement adjacent to the City's Municipal Service Building (MSB) at 2026 New Jersey Avenue, Sheboygan (Appendix P). Previously used as a police impound site, the available site will support a gravel bed of appropriate size for approximately 560 trees. Site selection has determined to provide ideal water drainage, immediate access to monitoring/maintenance staff, access to required regular irrigation water supply, levels of required groundwater drainage, protection if needed against high wind and other adverse weather conditions, and security. The planned BRAGS meets and exceeds the recommended criteria for community gravel beds outlined in the University of Minnesota, Department of Forest Resources 2013 guidelines. I (Appendix N).

The proposed City of Sheboygan BRAGS will be constructed using 35 boarder blocks 6'X2'X2' and five sections of treated lumber 2"X12"X12'. Irrigation will be provided with PVC pipe and associated connector hardware including hose bibb adapters, soaker hose and other equipment as listed in Attachment C. Combination of appropriately sized base stone, gravel and P gravel will be employed for the initial gravel bed itself. To the extent possible, cost savings will be accomplished by using construction materials donated from private or government sources or acquired at discounted prices. Construction manpower will be provided by both private and municipal labor at lower rates or through discount or donation as available. Labor expense will be funded independent of this grant application. The BRAGS will be constructed to minimize both regular and long-term maintenance but with the objective of providing a near permanent facility to be used for the long term.

BRAGS construction and operation envisions, where feasible, maximum recycling of irrigation water and the employment of energy saving technologies. Irrigation timers, gravel bed water content measurement devices and, if necessary, video monitoring of the BRAGS will be employed to ensure optimum growth and security.

Planning for the component of the EAB mitigation of the nine municipal parks is depicted in detailed overhead photographs and planning images contained in (Appendix Q). Tree stock specifications of approximately 100 trees to be used in 2021 nine park mitigation is contained in Attachment C. Planned City tree stock will be of stem diameter of approximately 1 ¾ inches with well-developed root systems and comprised of diverse species of demonstrated sustainable potential for Sheboygan climate and growth conditions. Tree stock will be planted in September and October 2021 by a ROOTS and other stakeholder volunteers under the direct supervision of the City Forester and his staff. This approach was demonstrated to be highly successful in all five ROOTS-municipal government collaborative projects conducted in 2020 including the Stewardship grant funded project at the Sheboygan Falls River Park in October.

Acquisition of approximately 300 additional younger trees for initial introduction into the completed BRAGS for 2022 development and replanting will again include non-ash diverse species of demonstrated sustainability given climate and local growth conditions. (See Attachment C)

Selection of municipal parks and specific replanting sites are consistent with State, County and municipal urban forestry criteria and plans including the Sheboygan County Community Emerald Ash Borer (EAB) Resources Management Plan. Standards and guidance attendant to this extensive document are directly supportive of both the BRAGS and nine park EAB mitigation components of this application. Tables 10, 11, 12, 13, and 14 of the 2010

County Study and Plan provide an inventory and data summary of tree type and inventory for the City. The dual components of the project also specifically implement the Wisconsin Emerald Ash Borer Response Plan of 2006 as updated and amended.

Additionally, this project advances a wide range of other broader conservation and ecological objectives: Wisconsin Statewide Forest Action Plan No.13, guidance to increase in forest structure and diversity and No. 21 to expand and manage diverse urban tree canopy cover to provide multiple public benefits; focus on high priority sites for managing and reducing threats to forest and ecosystem health while increasing urban forest canopy cover; and the Sheboygan County Plans (Land and Water Resource Management), (Comprehensive Land Use), and County and WDNR focus on water quality and invasive species control.

Recreation

The 100-tree mitigation collaboration component of this grant focuses on EAB mitigation for nine of the City's most popular and extensively used recreation facilities. These parks include: Optimist, Sheridan, Wildwood Hardball, Franklin, Cole, Camelot Dog Run, Charles Voight, End, Moose. These parks are among the City's most accessible urban forests and include a range of playgrounds, walking, jogging, and strolling paths, sites for skateboarding and safe youth biking, kite flying, bird and wildlife observation, pet exercising, competitive outdoor ball sports, and numerous other recreation outlets in all seasons. Maintenance of a robust tree canopy in each of these parks directly supports residents and visitors of all ages from infant children to the elderly including the physically and mentally disabled. Parks are situated in a full range ethnically, racially, and socio-economically diverse neighborhoods through the community. Most of the parks offer attractive and heavily used venues for outdoor community non-profit organizational events and family picnics. These and other recreational outlets are deemed as particularly essential to quality of life during this ongoing period pandemic forced social distancing and social isolation. These parks are a unifying social force in our community.

Management Factors

ROOTS and the City of Sheboygan have developed a specific EAB mitigation plan for the nine parks EAB mitigation project as well as the BRAGS gravel bed. With the near completed removal of diseased heritage ash throughout the project sites, the appended budget and site documentation depicts proposed site preparation, replanting, mulching, and aftercare scheduled in 2021 and beyond as necessary. This application seeks funding for allowable Stewardship Program expenditures to principally include tree stock acquisition, approved associated planting materials and support for the supportive municipal BRAGS gravel bed including its initial young tree acquisition. Stump grinding, labor or other nonauthorized expenditures are not within the purview of requested Stewardship grant funding. Proposed replacement tree stock includes robust, climate adapted, site appropriate, and sustainable nonash species. Tree stock selection is listed in **Attachment C**. Mitigation plans emphasize diversity, sustainability, and will be appropriate to urban forest sites. Overall management remains under the direction of the City Forester. The ROOTS Community Investment Fund (CIF) Technical Advisory Group which includes professional and management representatives from the WDNR, Rotary and LNRP, will provide independent professional oversight to include both schedule milestone and financial accountability for this project.

The collaborative project is grounded in delivering measurable outcomes consistent with established schedule and financial milestones. See the appended budget (Attachment C) and scheduling information (Appendices P & Q). ROOTS and the City further commit to the full and transparent reporting and accountability for all EAB park mitigation efforts and the construction and operation, including development of its initial tree stock, of the BRAGS gravel bed. ROOTS CIF executive agent, the Sheboygan County Rotary Foundation, as an IRS certified 509(a)(1) public charity, is legally subject to

periodic disclosure and audits of its operations further guaranteeing the integrity of all donations and grant administration. (Appendix L). The ROOTS-Sheboygan EAB mitigation and BRAGS gravel bed components are designed to respond in an innovative and creative manner to the overwhelming environmental challenge faced by local government. Consistent with ROOTS strategies demonstrated in Sheboygan County in 2020, this project offers an all-hands-on-deck, whole-of-community-effort in support of local government in Sheboygan County through private-public sector collaboration.

Economic Factors

Consistent with the Sheboygan County Comprehensive Outdoor Recreation and Open Space Plan and stated municipal goals of the City of Sheboygan, this project seeks to preserve and improve an essential natural feature of the community – its publicly maintained diverse urban forest. Sheboygan's continued high positive national ratings as a destination for business investment, an optimum residential community, and a tourist destination, is directly dependent on it superb qualify to life. Perhaps the most essential foundational element to that quality of life is the City's sense of community and aesthetics recognized as the State's first and uninterrupted recipient of the national Tree City USA award. When Sheboygan's beautiful urban forest was decimated by the Dutch Elm Disease more than a half century ago, the then "City of Elms" answered with a full throat response to replace its most important natural asset. We are now called upon again to act for the benefit of future generations.

As evidenced in the submitted budget and planning documents, the Sheboygan Rotary Club through ROOTS has and continues to seek outside funding from private and public sources to support local governments throughout Sheboygan County in confronting its most serious environmental threat. Quite simply, continued economic development throughout the County is dependent on maintenance and improvement of an extraordinary environment and especially is forestry assets. The City and County's ability to continue to attract and maintain a viable, motivated workforce and promote continued economic development is dependent on quality of life. Likewise, the continued investment of outside dollars by visitors supporting local businesses is directly tied to maintaining our quality environment.

Numerous credible studies demonstrate that more than any single factor, a robust tree canopy contributes to a community's improvement of both private and public property values, the reduction of energy costs for both heating and cooling in residential and business structures, improves outdoor recreation venues, removes tons of noxious pollutants while replacing the same with essential oxygen, greatly enhances public health outcomes and directly reduces greenhouse gases combatting global warming. Continuous investment in our forestry assets is essential for each of these reasons and more. A commitment to future generations in Sheboygan County requires unqualified commitment now to the preservation and improvement of our urban and rural forest assets. This project offers a tangible and immediate commitment.

Cooperative Factors

The cornerstone of the ROOTS-Sheboygan dual component EAB mitigation and BRAGS gravel bed project application presented to the Stewardship Fund is an *an-hands-on-deck/whole-of-community-effort* to marshal maximum private and public sector resources in response to a problem which overwhelms local government resources. ROOTS, through this project, seeks continued County public support for a dynamic and innovative local government and community commitment to advance efforts to combat the area's single greatest environmental challenge in several generations. Not since the onset of the Dutch Elm Disease in sixty years ago, have our urban and rural forests assets been under such devasting assault. ROOTS and the City through this collaboration are joining private and public assets together in a common effort to replicate and greatly broaden the historical precedent set with the response to the Dutch Elm Disease in the 1950's and early 1960's

Given the present EAB assault to our ash tree canopy in Wisconsin estimated at three quarters of a billion ash of which over seventeen million populate Sheboygan County, ROOTS all-hands-on-deck/whole-of-community-effort to respond to EAB is now essential. ROOTS and the City of Sheboygan respectfully submit this application for a modest Stewardship grant wholly consistent with the program objectives and

guidelines. Identified representatives of the Sheboygan Rotary Club's ROOTS initiative and the City of Sheboygan stand ready to address inquiries and requests pertaining to this application.

Appendix A



April 29, 2021

Supervisors, Selection Review Committee, and Staff Sheboygan County Stewardship Program Planning and Conservation Department Sheboygan County 508 New York Avenue Sheboygan, WI 53081

RE: Letter of Support for Application by City of Sheboygan and Restoration Of Our Trees Sheboygan (ROOTS) to Sheboygan County Stewardship Program 2021

Supervisors, Review Committee, and Staff;

This letter endorses and is provided in support of an application submitted jointly by the City of Sheboygan and the Sheboygan Rotary Club Restoration Of Our Trees Sheboygan (ROOTS) initiative to the Sheboygan County Stewardship Program. The application seeks funding for a 2021 for collaborative program responding to this community's continuing multi-year effort to address the devastation being experienced to our urban forestry assets by the invasive emerald ash borer (EAB). Over the past five or more years, the City has mounted a concerted effort to combat EAB destroying as much one third of our urban forestry assets in both public parks and along thoroughfares. Although aggressive early chemical treatment has been employed in an attempt to save a finite number of heritage ash trees, the vast majority of our ash canopy is now infected and either has been removed or is slated for removal. This loss is of great concern to City leadership and our residents.

The City recognizes that no single natural resource is more important to advancing public health of our residents and visitors, reducing energy expenditures to public and private structures, offering quality outdoor recreation venues for people of all ages and backgrounds, controlling stormwater runoff, and the removal of tons of pollutants annually while providing oxygen replacement. Maintenance of a robust tree canopy confirms the City commitment to addressing climate change for future generations. The City's extraordinary national standing as the State's first and continuous Tree City USA is evidence of how we continue to be one the Midwest's prime destinations for economic development and tourism.

The City Forestry and Public Works staffs have worked collaboratively with the Rotary Club ROOTS initiative to develop an EAB mitigation project which will address EAB loss in nine of our municipal parks. The City and ROOTS worked collaboratively in 2020 in mitigating EAB devastation in six City parks through an aggressive replanting program. That initiative was of such considerable success, that the City is committed continuing our private-public sector collaboration in 2021. ROOTS programs have demonstrated they are results oriented. The

MAYOR'S OFFICE

CITY HALL 828 CENTER AVE. SHEBOYGAN, WI 53081

920-459-3317 sheboyganwi.gov



nine parks to be replanted in 2021 are situated throughout the City and serve a diverse demographic, racial and socio-economic blend of residents and visitors who together utilize our outdoor recreational and community facilities. Our parks and the maintenance of their urban forestry assets are considered by City leadership including the Council as a key factor in maintaining quality of life for our residents and visitors.

Of equal importance to the mitigation of nine of our most utilized parks and open spaces, the 2021 City-ROOTS collaborative project seeks support to build a Bare Roots Accelerated Growth System gravel bed on the grounds of our Municipal Service Building (MSB). This BRAGS will be only the second in operation in the County and will accommodate the rapid, cost-effective acquisition and development of 560 trees on an annual basis starting this year. The system will result in a creative mechanism to extend our budget resources greatly increasing the City's ability to mitigate EAB through increased, cost-effective production of needed replacement tree stock.

Along with City staff, I have reviewed the proposed project plan and fully endorse it with a request for funding support under the Stewardship Program. In closing, please be assured that as the City continues to address the EAB problem, it is totally committed to complete cooperation with municipal governments throughout the County including County government itself as we cooperate to protect our essential urban forestry assets.

Sincerely,

Ryan Sorenson

Mayor

MAYOR'S OFFICE

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920-459-3317 sheboyganwi.gov

Appendix B



April 29, 2021

Supervisors, Selection Review Committee, and Staff Sheboygan County Stewardship Program Planning and Conservation Department Sheboygan County 508 New York Avenue Sheboygan, WI 53081

RE: Letter of Support for Application by City of Sheboygan and Restoration Of Our Trees Sheboygan (ROOTS) to Sheboygan County Stewardship Program 2021

Supervisors, Review Committee, and Staff;

This letter endorses and is provided in support of an application submitted jointly by the City of Sheboygan and the Sheboygan Rotary Club Restoration Of Our Trees Sheboygan (ROOTS) initiative to the Sheboygan County Stewardship Program. The application seeks \$15,0000 in funding for a 2021 for collaborative program responding to this community's continuing multi-year effort to address the loss being experienced to our urban forestry assets by the invasive emerald ash borer (EAB).

In recent years the City administration has mounted a concerted effort dedicating considerable extra resources in response to EAB destruction evidenced in our parks and along our streets. As elsewhere in the State, EAB has proven both costly and irreversible. The continued maintenance of our precious urban forestry assets demands aggressive chemical treatment of select heritage ash while removing the vast majority of potentially hazardous trees as quickly as possible. The loss constitutes as much one third of our urban forestry assets in both public parks and along thoroughfares. Diseased ash on most private property exacerbates the problem and typically remains the responsibility of individual property owners. The principal response to loss of as much as 1/3 of our total public tree canopy demands aggressive replanting of non-ash, climate, and site appropriate sustainable tree stock. The overall task far exceeds available municipal financial, material and labor resources.

CITY ADMINISTRATOR

CITY HALL 828 CENTER AVE. SHEBOYGAN, WI 53081

920-459-3315 sheboyganwi.gov The City and ROOTS worked collaboratively in 2020 in mitigating EAB devastation in six City parks through an aggressive replanting program. ROOTS collaboration offered financial and some volunteer resources in the accelerated mitigation effort resulting in mitigation of a large number of sizable, on-ash species replacement trees. The Rotary/ROOTS collaboration marshaled private and public sector resources in a community in support of the City of Sheboygan in an effort to address the most serious environmental challenge facing the City in over half a century.



For the immediate proposal, the City Forester has been the lead in project planning and development. He and his staff continue to work with the ROOTS team to find ways and means accelerating EAB mitigation for the benefit of the entire community. The nine parks to be replanted in 2021 are situated throughout the City and serve a diverse demographic, racial and socio-economic blend of residents and visitors who together utilize our outdoor recreational and community facilities. This project will once again be a City-ROOTS results-oriented initiative with measurable outcomes, agreed milestones, and municipal and private sector oversight.

Of equal importance to the mitigation of nine of the City's most popular parks and open spaces, the 2021 City-ROOTS collaborative project seeks support to build a Bare Roots Accelerated Growth System (BRAGS) gravel bed on the grounds of our Municipal Service Building (MSB). Once completed in 2021, the BRAGS gravel bed will be the largest in the County and will accommodate the rapid, cost-effective acquisition and development of 560 trees on annual basis starting this year. The system will result in a creative mechanism to extend our limited budget resources, greatly increasing the City's ability in the future to mitigate EAB through increased, cost-effective production of needed replacement tree stock. The City will showcase this facility as an educational protype to other Sheboygan County municipal and local governments seeking to learn how to maximize their limited EAB mitigation resources.

Along with City staff, I have reviewed the proposed project plan and fully endorse it with a request for funding support under the Stewardship Program. The City administration looks forward to continuing to work with Sheboygan County Planning and Conservation Department in this enterprise.

Sincerely,

Todd Wolf

City Administrator

CITY ADMINISTRATOR

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920-459-3315 sheboyganwi.gov

Appendix C

CITY OF SHEBOYGAN

Prepared by Bluestom Forestry Consulting, Inc. May 17, 2016

This document was funded in part by an urban forestry grant from the State of Wisconsin Department of Natural Resources Forestry program as authorized under s. 23 097 Wis. Stat.

Urban Forest and Emerald Ash Borer Management Plan

City of Sheboygan Urban Forest & Emerald Ash Borer Management Plan

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Chapter I. Introduction, Purpose & Executive Summary

Introduction

The urban forest of Sheboygan provides a multitude of aesthetic, economical, and environmental benefits to citizens, businesses, and visitors alike. Beyond shade and beauty, trees also have practical benefits and real monetary value that communities sometimes are unaware of. Sheboygan's urban forest provides valuable public services and is worth millions of dollars. Unlike other public infrastructure components, properly planted and maintained trees increase in value over time.

Based upon existing inventory data, Bluestern Forestry Consulting, Inc. completed this document that makes specific, prioritized recommendations for managing the urban forest resource for 2016-2020. This plan will provide management options that will allow the City to mitigate the disruption to its urban forest caused by the infestation of the Emerald Ash Borer (EAB), while developing a routine forestry program that will help protect and preserve the City-managed trees in a cost-effective and efficient manner.

Purpose of Plan

The purpose of having an urban forest management plan is to ensure that the citizens of City of Sheboygan will enjoy the benefits of trees through proper arboricultural techniques and management practices.

The development of a long-range urban forestry maintenance and management plan based on current research and inventory results will provide the foundation for an ongoing program that will result in a healthier and safer community. In particular, a management program can be used to monitor trees for safety risks on a continual basis, will help reduce storm damage, allow work to be executed more efficiently, and establish and prioritize annual budgets.

The plan is based on the most recent scientific studies and recommendations from key partners and multiple state and federal agencies. As this is a living document, updates to this plan will should made as new information and recommendations are released.

Executive Summary

Important points of the inventory and current tree management program include:

- A total of 22,154 trees appear in the most recent tree inventory.
- 5,139 trees (23.2%) are ash and are susceptible to Emerald Ash Borer. EAB was confirmed in Sheboygan in March 2016.
- The largest tree genus (family) occurring in Sheboygan is maple which represents 35.8% of the total population, followed by ash. Ideally, the forest should be comprised of not more than 5% of any one species and 10% of any one genus.
- Chemical treatments to prevent infestation of EAB on ash trees are very effective. The recommended treatment for ash is TREE-age. The manufacturer label recommends treatments on a 2 year cycle, but research has shown it is effective for a 3 year cycle, allowing each tree to be treated every-third year.

This plan recommends removing 90 ash initially that are either in 'dead' or 'poor' condition. Three scenarios are
presented for ash management beyond these initial removals. These scenarios include:

Remove all remaining 5,049 ash Chemically treat 2,800 ash over 12" in diameter (55.5%) & remove 2,249 ash that are 0-12" in diameter (44.5%) Chemically treat 4,276 ash over 6" in diameter (85.0%) & remove 773 ash that are 0-6" in diameter (15.0%)

- Wood disposal options have been thoroughly researched and it is possible to re-purpose trees boles that have been removed.
- Four additional employees are recommended to manage ash and address routine tree management duties.
- The Superintendent of Park & Forestry and Director of Public Works will be responsible for the implementation of this
 plan.
- A companion document reports on findings and recommendations of the planting site inventory that was completed in the fall of 2015.
- An i-Tree analysis found that trees contained within the tree inventory contribute \$3.1 million in benefits per year.
 These benefits include: stormwater runoff reduction, carbon dioxide reduction, energy savings, property value increase and air quality improvement.
- Based upon projected budgets, there will be approximately 1,250 trees removed annually for the next few years. This
 accounts for 'regular' tree removals as well as 750 ash removals. That quantity of removals may warrant the purchase
 of a log truck and an additional chipper.

Appendix D

OFFICE OF THE CITY CLERK Sheboygan, Wisconsin City Hall

I hereby certify that this is a true copy of a document from the Common Council proceedings of the City of Sheboygan.

Mudith Delsi

Res. No. 18-19. By Alderpersons Wolf and Sorenson. November 5, 2018.

A RESOLUTION supporting the Rotary Club of Sheboygan and the Lakeshore Natural Resource Partnership, Inc. Restoration of our Trees Sheboygan (ROOTS) Program to mitigate the effects of the emerald ash borer in Sheboygan County, Wisconsin.

WHEREAS, the City of Sheboygan is a Tree City USA community for over 40 years; and

WHEREAS, the Emerald Ash Borer (EAB) is a non-native, invasive insect that is infesting and killing ash trees all over the Midwest including Sheboygan and Sheboygan County, Wisconsin; and

WHEREAS, municipal governments like the City of Sheboygan have limited resources to mitigate the devastating effects from EAB; and

WHEREAS, the Rotary Club of Sheboygan and the Lakeshore Natural Resource Partnership, Inc. have established the Restoration of our Trees Sheboygan (ROOTS) partnership; and

WHEREAS, the ROOTS partnership is developing a broad county-wide collaboration to address EAB throughout Sheboygan County; and

WHEREAS, it is the desire of the partnership to partner with all sectors including the private, public, and non-profit sectors to mitigate the effects of EAB; and

WHEREAS, the partnership intends to seek grant resources and fundraise for EAB initiatives that will support EAB mitigation throughout Sheboygan County.

2.12

MI

R. C. No. 178 - 18 - 19. By PUBLIC WORKS COMMITTEE. November 19, 2018.

Your Committee to whom was referred Res. No. 122-18-19 by Alderpersons Wolf and Sorenson supporting the Rotary Club of Sheboygan and the Lakeshore Natural Resource Partnership, Inc. Restoration of our Trees Sheboygan (ROOTS) Program to mitigate the effects of the emerald ash borer in Sheboygan County, Wisconsin; recommends approving the Resolution.

Core of IDarofue Wol (IDarofue Bass Fass

Dian Jella		AM Social	18U
			Committee
I HEREBY CERTIFY and adopted by the Com day of	that the foregoing Common Council of the Cit	mmittee Report y of Sheboygan, , 20	was duly accepted Wisconsin, on the
Dated	20		, City Clerk
Approved	20		, Mayor

NOW, THEREFORE, BE IT RESOLVED: That the Common Council of the City of Sheboygan, Sheboygan County, Wisconsin, supports the efforts of the Rotary Club of Sheboygan and Lakeshore Natural Resource Partnership, Inc. to take collaborative efforts under the ROOTS initiative to spearhead EAB programs.

Bun Socerson

THEREBY CERTIFY that the foregoing Resolution was duly passed by the Common Council of the City of Sheboygan, Wisconsin, on the 19th day of November 20 18.

Dated November 20, 2018. Machael Towalist Mayor

Published November 24, 2018.
Certified November 20, 2018 to - DPW

Appendix E

SHEBOYGAN COUNTY RESOLUTION NO. 25 (2018/19)

Re: Supporting Rotary Club of Sheboygan and Lakeshore Natural Resource Partnership, Inc. Restoration of Our Trees Sheboygan (ROOTS) Program to Mitigate the Effects of the Emerald Ash Borer (EAB) in Sheboygan County

WHEREAS, several municipalities, including Elkhart Lake, Plymouth, and Sheboygan, are Tree City USA communities, and

WHEREAS, the Emerald Ash Borer (EAB) is a non-native invasive insect that is infesting and killing ash trees all over the Midwest, including Sheboygan County, and

WHEREAS, municipal governments like the Sheboygan County have limited resources to mitigate the devastating effects from EAB, and

WHEREAS, the Rotary Club of Sheboygan and the Lakeshore Natural Resource Partnership, Inc., have established the Restoration Of Our Trees Sheboygan (ROOTS) partnership, and

WHEREAS, the ROOTS partnership is developing a broad county-wide collaboration to address EAB throughout Sheboygan County, and

WHEREAS, it is the desire of the partnership to partner with all sectors including private, public, and non-profit sectors to mitigate the effects of EAB, and

WHEREAS, the partnership intends to seek grant resources and fundraise for EAB initiatives that will support EAB mitigation throughout Sheboygan County;

NOW, THEREFORE, BE IT RESOLVED that the Sheboygan County Board of Supervisors supports the efforts of the Rotary Club of Sheboygan and Lakeshore Natural Resource Partnership, Inc., collaborative efforts under the ROOTS initiative to spearhead EAB programs.

Respectfully submitted this 18th day of December, 2018.

PLANNING, RESOURCES, AGRICULTURE, AND EXTENSION COMMITTEE*

Fran Damp, Chairperson

Henry Nelson, Secretary

Keith Abler Vice-Chairperson

Paul A. Gruber

TAYE OF WISCONSIN) I, Ion Dolom do hereby COUNTY OF SHEEDYGAN) certify that the above is a true and correct copy of the original on file in the effice of the County Clerk and that is was adopted by the County Board of Supervisors on this date.

OLIK-2019 C

Appendix F



Wisconsin Urban Forestry Council

December 16, 2020

OFFICERS August Hoppe, Chair Hoppe Tree Service Dr. Shahla Werner, Vice Chair DATCP

MEMBERS Dr. Kirsten Beyer Medical College of Wisconsin Wendy Braun NA Stornmeater & Eroston Association Linda Cadotte, Director Parks, Recreation & Forestry, City of Superior Maria Eddy, Forester City of Madison Mark Freberg, Forester City of Green Bay Lee Fredericks Rainbow Scientific Treecare Dr. Tricia Gorby UW-Madison, Division of Extension Keith Hardie DPW Administrator (retired) Matthew Koepnick, Forester City of Racine 'och iends of Wisconsin

Brabender Mattox Tree Advocate, Oshkosh Ben Reince, VP of Operations Wachtel Tree Service and WI Arborist Association representative Sarah Repp, Director Park, Recreation, & Cemetery, City of Antigo Christa Schaefer WI Dept. of Transportation Daniel Siewert WI Public Service Jordan Skiff, Past Chair Director of Public Works, Fond du Lac Dwayne Sperber Wudeward Urban Forest Products, LLC Matthew Staudenmaier, Forester

Parks & Forestry, Eau Claire Gail Sumi League of Wisconsin Municipalities Blake Theisen Wisconsin Society Landscape Architects Alex Timmer

UWM School of Architecture and Urban

Planning Jeff Treu

Utility Arborist (retired) Jeff Wolters WI Nursery Association

EX-OPFICIO MEMBERS in, USDA Forest Service off, DNR UFC Liaison DNR UF Team Leader Don Kissinger, DNR UF Coordinator **Tony Fessier** fessler.e.anthony@gmail.com

Dear Tony:

Congratulations! I am delighted to announce that Restoration of our Trees Sheboygan (ROOTS) has been selected to receive the 2021 Project Partnership Award from the Wisconsin Department of Natural Resources Urban Forestry Council. This award recognizes an individual or organization for their outstanding service to urban forestry in Wisconsin.

We are currently working on ways to share this significant achievement with forestry colleagues and are hoping to provide a recognition event at the 2021 Wisconsin Annual Urban Forestry Conference in late February, but with this event moving to an on-line conference, we have not made any final plans. In the meantime, please refrain from publicizing this award until you are notified. We'll also share a press release, post the recognition on our webpages, and include the announcement in the DNR's urban forestry e-newsletter at that time.

We would appreciate you sending several favorite digital photos of some of ROOTS's activities to be used in publicity about the award and on our website. These should be sent to Sara Minkoff, DNR Urban Forestry Council Liaison at sara.minkoff@wisconsin.gov.

We'd also like to participate in a local recognition of your choice. Please let me know if you have ideas for this option.

Once again, congratulations on behalf of the Urban Forestry Council. I look forward to recognizing your contributions to improving the urban forests in Wisconsin. For more information about our awards, see http://dnr.wi.gov/topic/urbanforests/awards.html.

Sincerely,

Linda Cadotte, Chair cadottel@ci.superior.whus

Wisconsin Urban Forest Council Awards Committee

The Wisconsin Urban Forestry Council serves as a statewide voice for critical issues impacting urban & community forests and is appointed by the Secretary of the Wisconsin Department of Natural Resources. Composed of representatives of green industry organizations, state agencies, municipal arborists, non-profits and other partners, the Council is charged with advising the Department of Natural Resources (DNR) on the best ways to preserve, protect, expand and improve Wisconsin's urban and community forests.

101 S. Webster Ave.

PO Box 7921

Madison, WI 53707

(608)267-0568

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 8. Webster Street
Box 7921
Madison WI 63707-7921

Tony Evers, Governor Preston D. Cole, Secretary Telephone 608-266-2621 Toli Free 1-888-938-7463 TTY Access via relay - 711



January 11, 2019

Tony Fessler
Director - Restoration of Our Trees Sheboygan (ROOTS)
PO Box 1172
Sheboygan WI 53082-1172

Subject: Support for ROOTS (Restoration of Our Trees Sheboygan)

Dear Mr. Fessler:

Wisconsin Department of Natural Resources - Division of Forestry is pleased to offer this letter of support for ROOTS (Restoration of Our Trees Sheboygan). ROOTS is a joint initiative between Sheboygan Rotary Club and Lakeshore Natural Resource Partnership (LNRP) to build a broad-based, multi-community, public-private sector collaboration to proactively address the Emerald Ash Borer (EAB) threat in Sheboygan County. This multi-year initiative is designed to sunset after EAB recovery is securely in place for Sheboygan County. The ROOTS initiative aligns with the Division's goal to support urban forestry efforts by facilitating partnerships and building capacity for urban forestry efforts.

ROOTS has been in contact with all the cities and villages in Sheboygan county. Through discussions, they've learned even though municipalities have started responding to EAB, their financial, manpower, and other resources are grossly inadequate to meet the explosive pace of the infestation. The ROOTS strategy responds to this environmental threat which is overwhelming even the best-resourced local governments.

ROOTS offers a 3-part collaborative strategy and organizational mechanism to combat EAB in Sheboygan County. First, they are building an investment fund by soliciting financial, material, and in some cases, manpower resources from corporate and private donors. These funds will be available via grants to eligible applicants (local municipalities and non-profits) once the investment fund has grown to an operational level. Second, they are improving comprehensive planning and maximization of existing resources. Their first effort will be via a 2019 DNR Urban Forestry Grant awarded to LNRP to update inventories and develop EAB recovery plans for 5 small communities in the county. The third piece is broadening community engagement in combating EAB, which will lead to developing a sustainable replacement tree canopy on both public and private lands. When fully implemented, ROOTS will greatly expand the quality and quantity of the resources needed to reduce the impact of EAB. Wisconsin Department of Natural Resources - Division of Forestry strongly supports ROOTS and its efforts in Sheboygan county.

Sincerely

Division Administrator – Forestry Division

Wisconsin Department of Natural Resources

Appendix G



Wisconsin DNR Forestry News

External news articles from the Wisconsin DNR - Division of Forestry

ROOTS Kicks Off Collaborative Tree Planting Projects

Posted on November 13. 2020



City of Sheboygan. Photo credit: Restoration of our Trees Sheboygan

In the past two months, Restoration of our Trees Sheboygan (ROOTS) celebrated the kickoff of five private-public sector emerald ash borer (EAB) mitigation projects in four communities throughout Sheboygan County, resulting in the safe removal of hundreds of dead ash trees and their accelerated replacement in public parks and on public thoroughfares.

These projects are underway in the City of Sheboygan, the City of Plymouth, the City of Sheboygan Falls, and the Village of Elkhart Lake. Each of these communities was awarded grant funding by the ROOTS Community Investment Fund. It initiated its first

round of awards earlier this year through its executive agent, the Sheboygan County Rotary Foundation.

In addition to the 2020 ROOTS Community Investment fund awards, these projects are supported by funding from the Sheboygan County Stewardship Fund, the City of Plymouth Utilities, Rotary District 6270 and Alliant Energy Corporation and with matching contributions of labor, material and equipment in each municipality. The projects are supported by private and public resources and community-based efforts to address EAB impact through close stakeholder collaboration, for a total project value of \$165,500.

A diverse array of healthy, substantially sized trees will be planted in each project community. In Elkhart Lake, 50 trees are being planted in the Village Park Square, Lions Park, Fireman's Park and along parkways and thoroughfares. The Sheboygan projects include the planting of 127 trees in Lakeview, Rotary, Cleveland, Veterans, Roosevelt and Evergreen parks. In Plymouth, 50 trees are being planted in Meyer, Lion's, Rotary and Lone Oak Parks. In Sheboygan Falls, 60 trees are being planted in and around River Park.

Municipal leaders from each community, along with representatives from the Sheboygan Rotary Club, other local Rotary Clubs, Rotary District 6270, Lakeshore Natural Resource Partnership (LNRP) and other project partners and supporters spoke to the significance of these projects and participated in tree planting ceremonies at the recent project kickoff events.

Sheboygan Rotary Club ROOTS Coordinator Tony Fessler stressed the importance of urban and rural forest assets.

"Not only is a robust tree canopy essential to virtually all forms of outdoor recreation activities that Sheboygan area residents and visitors enjoy, it also positively impacts public and private property values, enhances community beautification, is essential to attracting and retaining our skilled workforce and directly supports public health through removal of tons of pollutants and climate warming CO2," he said.



City of Sheboygan Falls. Photo credit: Restoration of our Trees Sheboygan.

Fessler also encouraged local businesses, foundations and individuals to donate to the ROOTS Community Investment Fund to support the next round of projects.

"This continued EAB mitigation campaign requires an all-hands-on-deck response by both the private and public sectors if we are to preserve our essential forests for present and future generations," he said.

In addition to these exciting projects, ROOTS is also conducting tree inventories and developing EAB Recovery Plans in townships across Sheboygan County with funding from the Wisconsin Department of Natural Resources. LNRP received funding through a DNR Urban Forestry Grant in 2019 to begin this work and in 2020 to support a second project phase, totaling nearly \$50,000. This project will provide local leaders with solid plans for moving forward as they address EAB's impact.

With these plans in place, towns will be better positioned to receive funding to support EAB mitigation efforts and implement on the ground projects. The Urban Forestry Grant funds public outreach and education to assist residents in dealing with the overwhelming loss of ash trees on private lands as well.

LNRP was also awarded \$200,000 in federal funds through the U.S. Forest Service Grant to mitigate the impact of EAB in Sheboygan County. This project focuses primarily on tree planting to replace the loss of ash trees and restore function to the Sheboygan River watershed and the Lake Michigan basin. It will fund the planting of approximately 2,000 trees at sites on county-owned land, along with plantings in the townships as recommended by plans developed with the Urban Forestry Grant. LNRP received an additional \$350,000 in grant funding from the U.S. Forest Service to fund the Lake Michigan Coastal Wetland Infiltration Project. This project aims to plant another 7,300 trees at critical sites along the shoreline in Sheboygan, Manitowoc, Kewaunee and Door County.

The ROOTS initiative's multi-faceted approach provides support to communities in the Sheboygan area whether they need assistance with planning or implementation. It also engages residents through outreach and education.

The unique public-private collaborative model of ROOTS leverages multiple funding sources that boosts local resources, stretching the value of each dollar provided by generous local donors, while also bringing in state and federal dollars for a greater collective impact and investment in our communities. Each of these complementary projects contributes to the shared goals of helping our communities recover from the devastating effects of the EAB and restoring the valuable tree canopy across Sheboygan County.

ROOTS is looking for local philanthropists who want to make a difference in the communities in which we all live, work and play by contributing to an investment fund for additional public tree plantings and other management activities. Support from local businesses, foundations and individuals is needed, and donations of any amount are welcomed and appreciated. To learn more about the ROOTS initiative or make a donation, please visit ROOTSwi.org or email Tony at fessler.e.anthony@gmail.com or Kendra at kendra@LNRP.org



Page 2 • March 9-22, 2021 • (877) 467-6591 • www.sheboyganbeacon.com

ROOTS honored as Tree Champion

The Wisconsin Urban Forestry Council has announced awards honoring those dedicated to protecting, preserving and increasing the number of trees that line city streets, fill community parks and beautify neighborhoods throughout Wisconsin.

The Wisconsin Urban Forestry Council advises the Wisconsin Department of Natural Resources (DNR) Division of Forestry on the management of urban and community forest resources.

"Wisconsin plays a critical role in conservation, especially when it comes to trees," said Linda Cadotte, Wisconsin Urban Forestry Council award committee chair.

These awards honor individuals, organizations and communities for their hard work and dedication to trees and the benefits they provide. Every year the awards committee closely reviews the nominations. It's an honor to learn more about all of the incredible work happening around our state that helps to support healthy community forests."

This year's recipients were announced at the 2021 Wisconsin Arborist Association DNR Urban Forestry Conference, which was held virtually. The categories and winners include:

Project Partnership

Recognizing outstanding projects utilizing partnerships to benefit our urban forests.

Restoration Of Our Trees Sheboygan (ROOTS) is a collaborative effort between the Sheboygan Rotary Club and Lakeshore Natural Resource Partnership, created to address emerald ash borer's (EAB) threat to Sheboygan County's rich forestry resources. The group was rec-

ognized for its effective partnerships with municipalities, businesses, nonprofit organizations and individuals to enhance the area's urban canopy. This year, ROOTS formed a new grant program for local governments in Sheboygan County to help them manage ash trees beyond putting new trees in the ground and focusing on planning and public awareness. This project has demonstrated that collaboration brings enormous advantages for both the urban forest and its people.



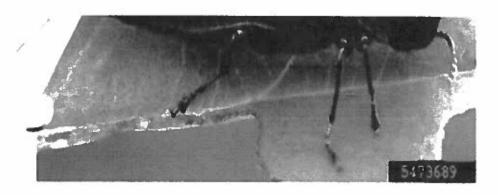
NEWS WEATHER ON AIR EVENTS OBITUARIES
PHOTOS BLOGS PODCASTS

(https://facebook.com/1330WHBL) (https://twitter.com/WHBL)

Joint Efforts Being Made to Combat the Emerald Ash Borer in Sheboygan

Friday, June 07, 2019 9:26 a.m. CDT by Bryan Lundberg





Emerald Ash Borer

SHEBOYGAN, WI (WHBL) - Efforts are currently being made in Sheboygan to combat the emerald ash borer.

Lakeshore Natural Resource Partnership (LNRP) and the Sheboygan Rotary Club are together launching a campaign to build collaborative public-private sector community support for projects that mitigate the potentially devastating impact.

Tony Fessler, with the Sheboygan Rotary Club, helped develop the ROOTS program which will soon be discussed and presented at a public informational meeting in Sheboygan. ROOTS is the 'restoration of our trees Sheboygan, and officials say it's a proactive response to the projected loss of millions of emerald ash trees here at home.

The highly aggressive emerald ash borer is killing those trees throughout the midwest at an

Id on June 13th at Maywood from 5 to 7. It's aree to the public and officials say they're trying a reach as many folks as possible.

For more information on how to help, you can also visit the Sheboygan Rotary Club's website at sheboyganrotary.com
(http://sheboyganrotary.com).

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Plastic Surgeon Reveals: "You Can Fill In...

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World's First Surviving Octuplets Are All Grown Up. Look At Them 9 Years Later

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PAGE 8 • THE BERCOII • January 1-14, 2019 • (877) 467-6591 • www.sheboyganbeacon.com

ROOTS takes aim at ash-killing beetle

Jeff Pederson for The Beacon

means to Sheboygan County's duce the ash tree population ah forestry resources in recent rough the local area. in borer is poised to drastically mory, the invasive emerald As one of the most serious

Trees Sheboygan (ROOTS) of lost ash trees in Sheboygan of the emerald ash borer, a new countially devastating impact s aiming to develop a lasting an to restore the large volume in an effort to head off the

Sheboygan Rotary

> meeting to discuss the ROOTS in maintaining their highly valu organization and what it plans appearance at the November Sheboygan Falls Park Board to to assist local municipaliti

trees make up at least 23 percent of the trees on public land in Sheboygan county and over 30 solution to the looming prob-lem, while noting that that ash of the issue and the proposed percent of the trees in local cit-Fessler, provided an overview es and villages.

This is an enormous prob

able tree populations.

After handing out brochures explaining ROOTS' mission member fony Fessier made

MEMBERS OF THE Sheboygan Rotary Club and the Sheboygan Early Bird Rotary Clubarticpated in the city of Sheboygan's 2018 Arbor Day Celebration and provided donation for tree planting as a part of a Rotary International initiative to plant a tre for every Rotarian. Through this involvement, the extent of the emerald ash bore problem became clear and the Restoration of Our Trees Sheboygan (ROOTS) was



lem that has some major implications for our natural forestry resources if we don't do something," Fessler said. "One in four trees in our local parks are ash trees. Once trees are infested with an emerald ash borer, they will need to be removed.

Now private land owners and municipalities are left to deal with all of these infected ash trees," he said. "The prob-lem is that the funds are not there to deal with the issue at this time."

Originating in Asia and first found in the United States in 2002, the emerald ash borer is a non-native invasive insect that is presently infesting and killing ash trees throughout the Mid-

The emerald ash borer larvae bore into ash trees, feed under the bark and disrupt the tree's ability to transport water and nutrients, which ends up killing

Fessler said the ROOTS initiative was forged through a partnership between the Shehoygan Rotary Club and Lake-shore Natural Resource Partner-

ship.
"We formed this initiative based on a similar community partnership that has been formed in Oshkosh," Fessler said. "The city of Oshkosh did a survey and subsequently a community foundation was formed to tackle the emerald ash borer problem.

"The Oshkosh initiative has been highly successful in rai-7ing money through private donors to combat the emerald ash borer problem." he said. "We met with the Oshkosh organizers and learned what they have done. We want to do the same thing here in Sheboygan Coun-

Fessler said he is currently seeking support from municipalities throughout Sheboygan

ROOTS from 8

"We are looking for the city of Sheboygan Falls to support a ROOTS resolution," Fessler said. "The city of Plymouth has already lent its support and backing from the city of Sheboygan and Sheboygan County is also currently in the works.

"Our goal is to raise funds to treat, remove and replace ash

trees in infected areas in Sheboygan County." he said. "We are working on securing grand money and we will be actively engaging in fundraising to further contribute to the solution. In short, we are looking to gather private resources to address a public problem. At this point public education about this issue is very important.

Fessler, According to Fessler, ROOTS will be targeting muto nicipalities, businesses, nonprofit organizations and individuals to assist with its mission.

Our hope is to make resources available throughout Sheboygan County to deal with the emerald ash borer problem. including the city of Sheboy-gan Falls," Fessler said. "At this point, we are not asking for anything other than an endorsement and support from the Sheboygan Falls City Council.

"Our next step will be to secure matching grants for removal of infected trees and planting new trees in replacement," he said. "This is going to be a huge effort and our overall goal is to

raise a lot of resources quickly."

Last week, the Wisconsin

Department of Natural Resources announced that the Lakeshore Natural Resource Partnership was selected to receive a 2019 Department of Natural Resources Urban Forestry Grant in the amount of \$11,000 to help update tree inventories and restoration efforts in Sheboygan County.

Through the grant, Lakeshore Natural Resource Partnership and the Sheboygan Rotary Club will work with cities, villages, and townships to help them cope with the devastating effect of the emerald ash borer on the county ash tree popula-

"A healthy tree canopy is vital to our quality of life," said Kendra Kelling of the Lake shore Natural Resource Part

SER ROOTS, page 10

play a role in helping our communities recover."
Fessler went on to note that ROOTS will launch its local fundraising effort in the next two months and aims to secure enough funding to begin its efforts in the middle of next year. nurship. "The loss of our trees affects us all and everyone can

have enough resources to begin dealing with this issue.

"We are planning to be in operation for three-to-four years and after four years, we plan to stand down," he said. "We have no intention of this becoming "This is going to be an interactive effort and in the next one to two months we will be doing a big fundraising initiative." Fessier said. "In the next five-to-six months or hope to is

a long-term bureaucracy. We want to come in and address the problem and then moving along. So far, we've received a very positive reaction and we hope that continues into 2019." ROOTS, contact Tony Fessler at fessler.e.anthony@gmail.com at fessler.e.anthony@gmail.com or call 920-946-6770 or Jim or call 920-946-6770 or Jim@Resource Partnership at Jim@LNRP.org or 920-304-1919. For more information

otary Clubs take lead in EAB

ROOTS a solid answer to beetle's im

are vital to all of us.

Beyond the beauty and shade they provide; the valuable products that come from them; and the shelter, food and homes they offer wildlife; trees are a vital part of the ecological system we all inhabit.

Any major threat to trees, then, is a serious

Issue that must be addressed.

Such is the case for communities

throughout the county that have been beset by the invasion of the emerald ash borer. The pesky invader has been found in ash trees throughout the county, including Adell, Cascade, Elkhart Lake, Plymouth, Sheboygan, Sheboygan Falls and more.

EAB, an invasive pest native to Asia, was first discovered in ash trees in southeast Michigan in 2002 and has since spread

from Kansas to New England and from Ontario to Georgia.

Treatments directed at eradicating the pest have proven largely ineffective—and expensive to boot. The treatment is only good for two to three years, then must be repeated, and even then it is not guaranteed to stop the EAB forever.

That means that there is really no effective way to attack and eliminate this pest. Unfortunately, it seems the most effective way to combat the borer is to remove ash trees – healthy as well as diseased – before the beetle can spread to those trees that are still unaffected.

That leaves the necessary task of replacing ash trees that must be taken down. They make up roughly one-third to one-fourth of the total tree population in the county and state – 5.2 million in urban areas and 727 million in forests across the state. They are a significant component of the greenery that has earned Plymouth and many other county municipalities numerous and repeated Tree City USA designations.

That's a huge challenge for local governments struggling with

At ISSUE:

tight budgets and spending limits. Many, ll Plymouth, have made some strides through

Bottom Line:
Public private partnership answer

some great hope.

spearheaded by local Rotary Clubs offers

That's where a unique new effort

answer to a major problem.

tree replacement grants, but that is a limite

Led by the Sheboygan Rotary Club, in conjunction with the Lakeshore Natural Resources Partnership, a Restoration of O Trees Sheboygan (ROOTS) campaign has been launched.

As Tony Fessler of the Sheboygan Rotary Club explained to the Plymouth City Council, "We realize that the enormity of the situation is beyond what government agencies can do just with taxpayer dollars."

ROOTS will reach out to other local organizations, groups, businesses and industry to raise money to replace the doomed ash trees, making those funds available to local governments a matching basis to replace the trees with a diverse canopy of healthy trees.

The ROOTS program is modeled on a similar effort in the city of Oshkosh that helped replenish and diversify its tree population.

ROOTS will also work with Lakeland University and studen in its biology department to help with necessary education efforegarding the EAB.

The Plymouth City Council heartily endorsed the ROOTS initiative last week and other local governments should be following suit soon.

ROOTS should provide a powerful and effective public/ private partnership to help our tree population rebound from the assault of the emerald ash borer. Those who put the effort together deserve thanks and should receive the support they need to keep our parks, streets and forests erren.

Appendix H



April 29, 2021

Supervisors, Selection Committee, and Staff Sheboygan County Stewardship Program Planning and Conservation Department Sheboygan County 508 New York Avenue Sheboygan, WI 53081

RE: Letter of Support for Application by the City of Sheboygan and Sheboygan Rotary Club Restoration Of Our Trees Sheboygan to Sheboygan County Stewardship Program 2021

Supervisors and Staff Reviewing Committee:

This letter is provided in support of a joint application from the City of Sheboygan and the Sheboygan Rotary Club Restoration Of Our Trees Sheboygan (ROOTS) initiative seeking Stewardship Program grant support in the amount of \$15,000 for a community-based 2021 emerald ash borer (EAB) mitigation project. On behalf of the Sheboygan Rotary Club's membership approximating 100 members representing County and City leadership, executives from large and small area businesses, and a full range of non-profit organizations, I convey our unqualified support for the proposed ROOTS-City collaboration to mitigate the devastating impact of the invasive EAB in nine municipal parks and the concurrent development of a Bare Roots Accelerated Growth System (BRAGS) to accelerate the efficient replanting of key public areas impacted by EAB.

Under the auspices of the Sheboygan Rotary Club as supported by eastern Wisconsin Rotary District 6270, ROOTS completed five community based accelerated EAB mitigation projects in Sheboygan County communities in 2020. Together, these projects injected hundreds of thousands of dollars of revenue, equipment, and other resources into communities with inadequate resources to respond to the lethal threat posed to over seventeen million publicly held ash trees in the County. This ROOTS collaboration with local government in our County responds to the irreversible impact to our essential urban forestry assets including those in the City of Sheboygan.

The Sheboygan Rotary Club ROOTS initiative seeks resources from both the private and public sectors to aid County based local governments overwhelmed by the scope and rate of the EAB devastation. The central concept of the Sheboygan Rotary Club ROOTS initiative is to join and marshal both private and public sector resources in an **all-hands-on-deck/whole-of-community** effort to respond to the environmental threat to the quality of life in our communities. The Club's Executive Board and membership have been briefed on this project involving both a nine park EAB aggressive mitigation of replanting diverse non-ash species as well as the development of the County's largest BRAG to accelerate the acquisition of trees at a reduced cost per tree by City Parks and Forestry staff.

The proposed collaboration with the City of Sheboygan will serve present and future generations of our increasingly diverse demographic population. It is endorsed most favorably by our Club as supportive of Rotary International's fundamental tenant of "service above self."

Sincerely.

Scott Luedke President

fron) Luedhe

Ex-officio Member, Sheboygan County Rotary Foundation Board

Appendix I



April 28, 2021

Mr. Tony Fessler ROOTS Coordinator Sheboygan, WI

Dear Mr. Fessler,

I've come to learn that ROOTS is working in conjunction with the City of Sheboygan to continue its efforts in the replacement of EAB infected ash trees with more suitable and diverse species. We at Maywood have invested a great deal of time and resources in this process in order to reclaim valuable wildlife habitat and maintain healthy ecosystems. I am very pleased that others in the community like ROOTS are implementing additional strategies to effectively mitigate the devastation of EAB in our community and state.

Your goal to replant nine of the City parks this year will certainly complement the extensive efforts we have put forth with a variety of local, regional, and federal assistance to handle mitigation efforts at Maywood. However, to resolve the EAB issue we must cast a larger net to prevent further destruction and reduce the hazards of standing dead ash trees to our citizens and park users. Your approach to include both removal and replacement is one that we certainly endorse. I am most supportive of your interest in improving the survival of replacement trees by replanting young bare root trees in community gravel beds to grow a much healthier root system among these fragile trees before transplanting them into permanent locations. Undoubtedly, this process will greatly increase the survival rates on these trees, saving substantial amounts of money down the road in what otherwise might be successive replanting efforts.

We applaud your efforts to improve the natural diversity of our urban forests, while mitigating the detrimental effects of EAB, and salute your approach in strengthening the root systems of these trees by raising them in community gravel beds. This multipronged approach appears to be well thought out and is a project that we at Maywood are certainly willing to support as you pursue a Sheboygan County Stewardship Grant.

Thank you very much for all your efforts to restore Sheboygan's urban forest, and for your unique approach to maximize the effectiveness in this effort.

Sincerely,

David R. Kuckuk

Environmental Park Director

Appendix J



April 29, 2021

Supervisors, Selection Committee, and Staff Sheboygan County Stewardship Program Planning and Conservation Department Sheboygan County 508 New York Avenue Sheboygan, WI 53081

RE: Letter of Support for Application by the City of Sheboygan and Sheboygan Rotary Club Restoration Of Our Trees Sheboygan to Sheboygan County Stewardship Program 2021

Supervisors and Staff Reviewing Committee:

This letter is provided in support of a joint application from the City of Sheboygan and the Sheboygan Rotary Club Restoration Of Our Trees Sheboygan (ROOTS) initiative seeking Stewardship Program grant support fin the amount of \$15,000 for a community-based 2021 emerald ash borer (EAB) mitigation project. On behalf of the Sheboygan Rotary Club's membership approximating 100 members representing County and City leadership, executives from large and small area corporations and businesses, and a full range of non-profit organizations, I convey our unqualified support for the proposed ROOTS-City collaboration to mitigate the devastating impact of the invasive EAB in nine municipal parks and the concomitant development of a Bare Roots Accelerated Growth System (BRAGS) to accelerate the efficient replanting key public areas impacted by EAB.

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Sincerely,

Donna Wendlandt

Donna Wendlandt, CEO

SHEBOYGAN COUNTY YMCA

812 Broughton Drive, Sheboygan WI 53081

P 920 451 8000 F 920 451 8019 www.sheboygancountyymca.org

Appendix K



Support ROOTS

The invasive and highly destructive emerald ash borer (EAB) is killing ash trees throughout the Midwest at an alarming rate. Restoration Of Our Trees Sheboygan (ROOTS) is a proactive response to the projected loss of millions of ash trees right here at home in Sheboygan County.

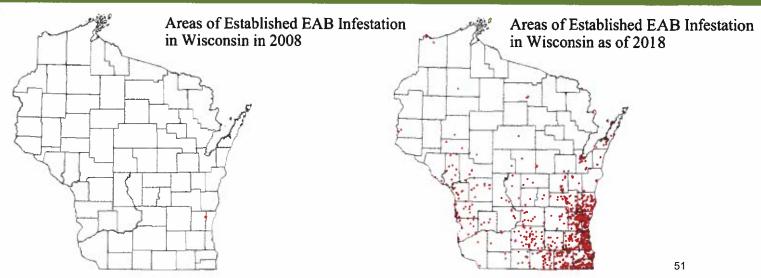
The Sheboygan Rotary Club and Lakeshore Natural Resource Partnership formed ROOTS to develop a broad community collaboration to address this serious threat to Sheboygan County's rich forestry resources and are launching a fundraising campaign to build collaborative public-private sector community support for projects that mitigate the potentially devastating impact of the EAB.



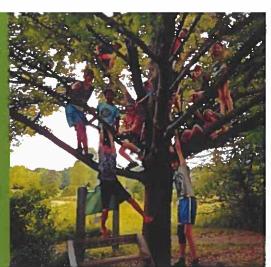
We will need everyone's help to succeed in building the ROOTS Investment Fund and we hope you will consider providing a contribution to support our efforts to protect and restore the tree population throughout Sheboygan County that is currently at risk of being severely depleted by the EAB.

The invasive and highly destructive EAB is killing ash trees throughout the Midwest at an alarming rate.

- Ash trees make up a large percentage of Wisconsin's trees, with more than 727 million ash trees in our forests, and another 5.2 million in our urban areas
- At least 23% of the trees on public lands in Sheboygan County are ash, with the percentage of ash trees in some cities, villages, and townships in the County as high as 70%
- All native ash species-white, green, and black-within Sheboygan County are vulnerable to EAB and are either infected or will be shortly
- EAB is aggressive and spreads quickly
- Infested trees die within 2-4 years
- As these trees die, invasive plant species such as phragmites can move in to the open spaces quickly, degrading habitat and creating additional problems



The benefits to quality of life provided by a diverse and robust tree canopy are many. A healthy tree canopy greatly enhances public health and combats climate change. Healthy trees remove large amounts of pollutants and carbon dioxide while introducing oxygen into the atmosphere. The presence of forested areas demonstrably enhances natural aesthetics and greatly increases the monetary value of both private and public property. A substantial tree canopy also creates the environment essential for many forms of outdoor recreation popular among our fellow citizens and positively contributes to their quality of life (e.g. fishing, hunting, hiking, jogging, camping, skiing, golfing, biking, children's playgrounds, etc.). These and other benefits directly associated with a robust and diverse tree canopy create a quality of life conducive to growth and development of our local economy by attracting and retaining a workforce seeking healthy, attractive, and family friendly communities.



ROOTS is an investment in our quality of life.



Ash tree removal at Lakeview Park in Sheboygan

Ash trees line many of the streets in Sheboygan County communities, like this view of N. 18th Street in Sheboygan

Sheboygan County communities are just beginning to see the impact of EAB.



Belvedere Drive, Toledo, Ohio, 2006

Belvedere Drive, Toledo, Ohio, 2009



Fireman's Park, Newburg, Wisconsin 2009

Fireman's Park, Newburg, Wisconsin 2013

ROOTS has an effective strategy for mitigating the impact of the EAB through public-private collaboration.

The ROOTS Strategy is composed of three complementary pillars.

Implementation

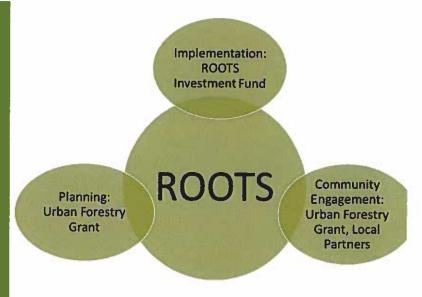
The Investment Fund is the central pillar of the ROOTS strategy. ROOTS will build a corpus that will be awarded to townships/municipalities through matching grants for the implementation of tree planting and other management activities. The allocation of these resources will be guided by a Grant Advisory Committee made up of Rotary representatives. LNRP staff, and outside experts.

Planning

ROOTS will assist townships/municipalities in the process of updating inventories and build capacity to develop EAB recovery plans. Using expertise and existing networks. ROOTS will seek grant funding from local, state, and federal resources. ROOTS has been awarded a 2019 Urban Forestry Grant to complete phase one of this component.

Community Engagement

ROOTS is providing outreach and education to inform citizens of the EAB threat, build awareness around the benefits of the urban forestry canopy, and share project updates. Members of the public will be engaged through workshops and seminars, printed informational materials, and volunteer opportunities.



The ROOTS Investment Fund will provide grant funding to support results-oriented projects on public lands that mitigate the impact of the EAB on the tree canopy throughout Sheboygan County. This program seeks to develop resilient reforestation plans, promote the safe removal of infested trees, plant a substantial diverse (nonash) replacement tree stock as quickly as possible, and greatly expand the public's understanding of the need to expeditiously mitigate the rapidly declining ash population in Sheboygan County. Grant recipients will participate in an Arbor Day or other public commemorative celebration of their projects upon completion and donors will be publicly recognized at each of these events.

The Sheboygan County community is positioned as a leader in this unique and innovative solution that will serve as a model for implementation in other communities.

The County of Sheboygan and the Cities of Sheboygan, Sheboygan Falls, and Plymouth have each adopted resolutions of support endorsing the ROOTS program.











With your help, we can reduce EAB's impact and protect our beautiful woodlands and tree-lined streets for generations to come.

Please contact us if you have questions or would like to support ROOTS:

Tony Fessler, Sheboygan Rotary Club 920-946-6770 | fessler.e.anthony@gmail.com Kendra Kelling, Lakeshore Natural Resource Partnership 920-946-2247 | kendra@LNRP.org

Visit our website at www.rootswi.org







Appendix L



U. S. TREASURY DEPARTMENT

INTERNAL REVENUE SERVICE DISTRICT DIRECTOR MILWAUKEE 1, WIS.

Federal Building -- P. O. Box 1157 October 10, 1960 Determination Letter MIL:E0:60 -59

AUXIGUEDINAL A:R:P:RIM Br. 2-8600, Ext. 431 Room -710

Sheboygan Rotary Foundation, Inc. o/o Norman A. Herslink, Secretary Sheboygan, Wisconsin RECTVED

OCT 11 1960

TECHNICAL REFERENCE

BRANCH

Gentlemen:

This office has determined, based upon the evidence presented, that you are exempt from Federal income tax as an organization described in section 501(c)(3) of the Internal Revenue Code of 1954, as it is shown that you are organized and operated exclusively for charitable, educational and religious purposes.

Accordingly, you are not required to file income tax returns unless you change the character of your organization, the purposes for which you were organized, your method of operation. Any such changes should be reported immediately the District Director of Internal Revenue, Milwaukee 1, Wisconsin, in order that their effect upon your exempt status may be determined.

You are required, however, to file an information return, Form 990-A, annually, with the District Director of Internal Revenue so long as this exemption remains in effect. This form may be obtained from this office and is required to be filed on or before the fifteenth day of the fifth month following the close of your annual accounting period.

Contributions made to you are deductible by the donors in computing their taxable income in the manner and to the extent provided by section 170 of the 1954 Code.

Bequests, legacies, devises or transfers to or for your use are deductible in computing the value of the taxable estate of a decedent for Federal estate tax purposes in the manner and to the extent provided by sections 2055 and 2106 of the 1954 Code. Gifts of property to or for your use are deductible in computing taxable gifts for Federal gift tax purposes in the manner and to the extent provided by section 2522 of the 1954 Code.

Ho liability is incurred by you for the taxes imposed under the Federal Insurance. Contributions Act (social security taxes) unless you have filed a waiver of exemption certificate in accordance with the applicable provisions of such Act. In the event you desire social security coverage for your employees or have any estions relating to the filing of a waiver of exemption certificate, you should a the matter up with the District Director of Internal Revenue, Milwaukee 1,

Your attention is called to the provisions of section 501(c)(3) of the Internal Revenue Code of 1954 under which your exemption will be revoked if any substantial part of your activities consists of carrying on propaganda, or otherwise attempting to influence legislation, or if you participate in, or intervene in (including the publishing or distributing of statements), any political campaign on behalf of any candidate for public office.

For the purpose of applying this ruling to any period with respect to which the Internal Revenue Code of 1954 is not applicable, any reference herein to a provision of the 1954 Code shall be deumed a reference to the corresponding provision of the 1939 Code.

With respect to making distributions to individuals, records and case histories - should be maintained in the manner indicated in Revenue Ruling 56-304, published in Internal Revenue Gumulative Bulletin 1956-2 at page 306.

Very truly yours,

E.G. Nelson

District Director

: 13/25/60 Ter: Cos 1

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Appendix M



April 25th, 2021

Sheboygan Co. Planning & Conservation Department 508 New York Ave.
Sheboygan, WI 53081

ATTN: Mr. Tyler Betry, County Conservationist

RE: Letter of Support for ROOTS Sheboygan County Stewardship Fund application

Officers

Rolf Johnson – President Eric Fowle – Vice President Cathy Pabich – Secretary Karl Klessig – Treasurer

Board Members

Carl Giessel
Jon Gumtow
Susan Kennedy
DuWayne Klessig
Mary Koczan
Katie Krouse
Sara Schuetze
Christina Studebaker
Tom Ward

Dear Mr. Betry:

Lakeshore Natural Resource Partnership (LNRP), a nonprofit organization that is a passionate champion of land and water conservation, enthusiastically supports the efforts of our Partner group, Restoration of our Trees Sheboyan (ROOTS), to secure funding through the Sheboygan County Stewardship Fund Grant Program.

Our organization strives to leave the Lakeshore better than we found it for the benefit of future generations. We have a proven track record of using a collaborative approach to turn tough problems into success stories, delivering a positive impacts within the communities we serve. One of our local community partners is ROOTS, a collaboration with Sheboygan Rotary, that has made a real impact in the development of urban forests for Sheboygan County the past three years. We celebrate their impact, and we're proud to support it!

The application being submitted by ROOTS leadership will help advance the group's impressive Emerald Ash Borer (EAB) mitigation efforts. In fact, through the funding it seeks from the Stewardship Fund, ROOTS will continue forestry development at nine City of Sheboygan Parks, serving a diverse component of the populace. Moreover, the envisioned establishment of a bare roots accelerated growth system at a municipal building site will eventually fuel the planting of nearly 600 trees annually in the City. The public-private sector partnership driving ROOTS optimizes available capital and resources and maximizes the impact of their investment. This consistently yields vital environmental, economic, and social benefits for all residents!

We appreciate your consideration of the ROOTS grant application and the resulting positive effects on land and water conservation in the community.

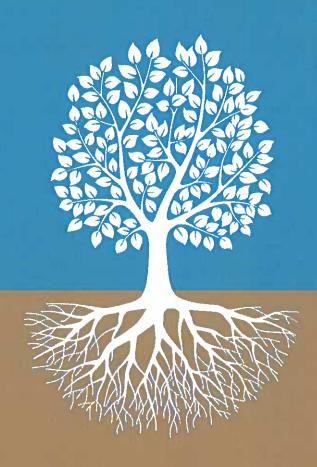
Sincerely,

Tom Mlada

LNRP Executive Director

Appendix N

DRAMATICALLY INCREASE THE HEALTH & SURVIVAL OF TRANSPLANTED TREES



ALL YOU NEED
TO KNOW ABOUT
COMMUNITY
GRAVEL BEDS

ACKNOWLEDGEMENTS

Funding and/or support provided by:

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Phillip Potyondy

Eric North

Valerie Price

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Lauren Stufft

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Jacob Ryg - City of Rochester

Jay Frier - City of Morris

Jeff Gillman - University of Minnesota

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Mark Schnobrich - City of Hutchinson

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Steve Poppe - Southwest Research and Outreach

Center, University of Minnesota Extension

Volunteers and key stakeholders in the model communities of:

Crookston, MN

Hendricks. MN

Hibbing, MN

Hutchinson, MN

Morris, MN

Rochester, MN

Royalton, MN

Contributing Reviewers:

Jill Johnson-United States Forest Service

Jennifer Teegarden-Minnesota Department of

Natural Resources











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COMMONLY ASKED QUESTIONS



Kentucky coffeetree from gravel bed Photo courtesy: Jacob Ryg

What is a gravel bed and why would I build one?

A gravel bed is an irrigated bed or pile of gravel to place and safely hold bare root or washed containerized stock for (a.k.a. "heeling in") up to 3-6 months. Doing this dramatically increases fibrous root volume, decreasing transplant shock and increasing survivability of the plant. Since bare root stock is typically only available during spring, this also allows for staged plantings throughout the year.

Will this require a large upfront investment?

No, the price is up to you. You can use a pile of gravel you already have, or build a bed that is a centerpiece for your community.

Will using a gravel bed save my community money?

Assuming you currently plant containerized or balled and burlapped stock, YES. Bare root stock is on average 1/4 the price of balled and burlapped, and 1/2 the price of a containerized tree. This along with the reduced planting cost and higher survival rates for trees planted in the autumn will add up to a significant savings.

Are there other communities in Minnesota currently using gravel beds?

Yes, over 20 communities are currently using a gravel bed system with great success.

The gravel bed uses bare root stock. Aren't they tough to handle? Wont they dry out?

Bare root stock can dry out if not handled properly, but this can be easily prevented with proper covering while out of the ground. One of the advantages of using bare root stock is that it is much easier to transport and plant than alternative stock types. One person can plant with a shovel vs. using multiple people and machinery.

Would I be GROWING trees in the gravel bed?

The above ground portion of the tree will not grow any faster than normal. The purpose is to increase the fibrous root system, recover poor root systems, and prepare for planting at a later date.

What if I buy bare root stock and don't get them planted before winter?

We do not recommend intentionally storing trees in a gravel bed over the winter, but as long as you protect the stems from critter damage, they typically do fine.

Can I put more than trees in a gravel bed and are there species that don't do well?

Yes, shrubs as well as most conifer and deciduous trees do great. The only species we know that struggle in a gravel bed are American linden and bur oak.

Is it difficult to find bare root stock of desired species?

No, typically there are many more species available in bare root stock than balled and burlapped or containerized. See Appendix C for bare root suppliers.

Why not just plant bare root stock in the spring?

Most unfavorable weather for a transplanted tree occurs in spring and summer.

By planting in the fall, roots have time to establish in more favorable conditions, allowing for a higher survival rate through the stressful times of the following spring and summer.



Swamp white oak from gravel bed Photo courtesy: Jacob Ryg

COMMUNITY GRAVEL BEDS A-Z

A Community Gravel Bed (GB) is a system that has been in use at commercial nurseries, municipalities, and universities for over 20 years. Building one for your community can provide many advantages over planting traditional bare root, balled and burlapped, and containerized stock. The system is far from complex. All you are doing is placing bare root stock in an irrigated pile of gravel, which will increase the quality of the root system and prepare them for later planting.

There are many communities in Minnesota that have built and are currently using the GB system with great success. Some of these community contacts are listed at the end of this document (Appendix C.) and you are encouraged to contact them about their experiences.

Benefits of building a Community Gravel Bed

Saving \$ - The GB system uses bare root stock, which is on average ¼ the price of a balled and burlapped tree and ½ the price of a containerized tree. Ease of installation also increases savings because there are less people, time, and machinery required in planting bare root stock than alternative stock types.



Red Maple

Red Maple

Plant health and survival – An increased fibrous root system allows for an increased uptake of water and nutrients. Transplanting is a stressful time for any plant due to a high portion of its root system being lost when it is removed from the ground. The majority of the energy the plant produces is put into restoring lost roots and sustaining life. This reduces its available energy to fight off pests, diseases, and other health threats. The more water and nutrients the plant is able to absorb, the more energy it is able to produce for root restoration and defense.

Planting times - In Minnesota, most of the unfavorable conditions for a newly transplanted tree occur in the spring and summer (wind desiccation, flooding, drought, etc). This contributes to the difficulty of getting healthy trees



Volunteer Planting in Rochester, MN Photo courtesy: Jacob Ryg

established in an urban environment. By planting in fall, roots have time to establish in more favorable conditions, giving the tree a higher probability of survival through the more stressful times in the following spring and summer. Healing bare root trees and shurbs in a GB allows stock that is usually only available in spring to take advantage of these more favorable fall planting times.

"Transplanting in early fall confers earlier post-transplant root growth and therefore is the best time of year to transplant most cold-hardy deciduous landscape trees." (Harris, 2002).

Community involvement – Bare root trees provide excellent planting opportunities for volunteers due to their ease of handling and planting. A bare root tree can be planted by one person and a shovel. Plantings can be done quickly and efficiently by auguring holes with a machine and having a volunteer group follow behind planting and mulching. Using volunteers for tree planting is a good way to spark interest from community members to become stewards of your urban forest.

Better species availability - Typically there are more species available in bare root stock than in balled and burlapped or containerized stock. This allows for more diversity in your urban forest, reducing your vulnerability to pest and insect threats.

Volume discounts – When buying bare root stock for the GB, you are typically buying trees in high quantities. Often, this offers an opportunity to receive a discounted price.

Recover pot-bound trees – A GB can be used to recover trees with pot-bound or substandard root systems. Trees with these issues can often be bought at a reduced price. The root system can then be recovered in the GB and planted out in better condition.

The rooting structure is visible – Stem girdling roots are proving to be a significant problem with transplanted balled and burlapped and containerized trees. This is due to the difficulty and time needed to inspect the root systems for encircling roots on these stock types. Planting bare root stock allows you to easily examine the root system before installation, as well as identify the first main

lateral root, assuring correct planting depth.

Sizing your Gravel Bed

How many trees will you plant per year? What stem caliper of trees will you plant? After answering those questions, you can use the table to the right (Table 1.) to determine what size GB will meet your needs. Example: to plant 50 trees that will average 1.5"-2" in stem caliper, a bed measuring at least 10'x20' will be needed.

	Stem Diameter	21/2		1. 1. L		S	
Gravel Bed Size			Number of Trees				
	10'x20'	56	36	25	16	11	
	10'x30'	113	72	50	32	22	
	10x40'	169	108	75	48	33	
	10x50'	226	144	100	64	44	
	10x60'	282	181	125	80	56	
	Stem to Stem Spacing	16"	20"	24"	30"	36"	

Table 1. Sizing of gravel bed.

Picking a site to build a Gravel Bed

Accessibility – Irrigation is an essential component of the GB. Easy and continuous access to water is a priority when deciding where to place the bed. Ability to drive close to the bed with a machine or vehicle should also be taken into account.

Drainage – Do not choose a low lying area or a site that regularly has standing water after rainfall. Root growth will be inhibited by insufficient drainage. Keep in mind, the majority of the drainage does not take place vertically (through the soil), it takes place horizontally out of the bed. Knowing this, it does not matter if it is placed on an impervious surface, as long as water does not pool and it can drain out of the bed.

Light and wind exposure – Light exposure is not crucial to the success of the GB. Shady sites have been used with no problems. Placing the bed on a site with high wind exposure can lead to uprooted trees in the GB. Sites with high wind and sun exposure will require more watering than sites with less exposure.

Vandalism – If vandalism is a problem in your community, consider building it inside a fenced property or placing a fence around the GB.

Alternative uses for area – It is not recommended to place a GB on a piece of land that might have another better use. Consider what the land could be used for in the future. This may dictate what style of gravel bed you build.

Visibility - Placing the GB on a site that is highly visible to your community can be a good opportunity to educate community members and spark interest in volunteer efforts.

Types of gravel

A gravel depth of at least 15" is needed throughout the bed. It is recommend to use 3/8" washed river gravel or 3/8" washed river gravel with 10% sand, some communities in Minnesota have used other media with great results. These mediums consist of:

- 3/8"washed river gravel
- Peastone and 10% fine sand
- Peastone and 10-30% TurfaceR
- "B" stone (3/4" washed gravel) with 20% fine sand

Adding sand or Turface^R will increase moisture holding capacity and reduce the amount of watering needed, but may not be best for all species of nursery stock.

Building materials

Required materials depend on the style of GB you plan on building. Do whatever is the most cost effective and works best for your community. If you desire a strictly utilitarian or temporary GB, consider just using a pile of gravel contained by some sort of barrier (such as "Jersey" barriers found in road construction Figure 2.). If you want to display the GB to your community, you might want to build it out of treated lumber and construct a sign stating its value to the community. Consider asking for donations of lumber or gravel from local businesses. Be creative. A GB can be constructed on a very modest budget.

Styles of Gravel Bed Building a traditional gravel bed with treated lumber (Figure 1.) This is a GB with all sides built of treated lumber and 4"x4" posts buried in the ground. Below is a materials list for this style (Table 2.).



Figure 1. This community gravel bed is 32'x16' is located in Hendricks, MN. It was constructed in 2010 at a community park. It is made of treated lumber and is irrigated with a soaker hose.

Gravel Bed Size	2'x10' Pressure Treated Quantity-Length	4"x4" Pressure Treated Quantity-Length	3" Galvanized Lag Screws	Geotextile Fabric	Pea Stone (cubic yard)
10'×10'	8-10'	2-10' 1-8'	48	210sf 70' of 3'roll	5cy
10'x20'	12-10'	4-10'	72	360sf 120'of 3'roll	Эсу
10'x30'	16-10'	5-10' 1-8'	96	510sf 170' of 3'roll	14cy
10'x40'	20-10'	6-10'	120	660sf 220' of 3'roll	19çу
10'x50'	24-10'	8-10'	144	810sf 270' of 3'roll	23cy

Table 2. Materials list for traditional gravel bed with treated lumber.

Building a gravel bed with portable barriers (Figure 2.&3.) If you have a site you might want to repurpose in the future or want a strictly utilitarian GB, this may be a good choice for you.

Figure 2 (right). This is a 70'x 50' community gravel bed located in Rochester, MN. It is built on asphalt located at the Olmsted Country Fair Grounds. It has gravel about 30" deep contained by "Jersey barriers" and is irrigated with spray heads mounted on tripods. The gravel bed has been in use since 2010.





Figure 3 (left). This community gravel bed is located in Bemidji, MN. It was made of concrete blocks in 2011 and has one open side for machine access.

Figure 4 (below). This is a 20'x50' community gravel bed located in Fargo, ND. It was constructed in 2006 out of concrete and slopes to a 4" drain on one side. As you can see, it is easily accessed with a front end loader.

Building a permanent gravel bed out of concrete (Figure 4.) This is one of the most expensive options, but offers a good opportunity to recycle water that drains through the gravel as well as protection from damage by machinery while installing/harvesting plants from the bed. It is essential to have adequate drainage with this system, if the bed holds water it can be fatal to trees and shrubs.



A gravel bed without containment (Figure 5.) If a lot of space and a machine to move the gravel is available, this can be the easiest way to start a

gravel bed.



Figure 5 (left). This gravel bed is located at Jim Whiting's Nursery in Rochester, MN. It is 32,000sf and regularly holds 1,500 trees. They use a stationary spray head(SenningerR Mini-WobblerR) for irrigation. This gravel bed was built on soil and has been in operation since 1997.

Irrigation of Gravel Bed

There are many options for GB irrigation. Make a decision based on what you already have and what is most user friendly for your situation.

Irrigation timers (Figure 6.) Setting your irrigation system on a timer is the easiest and most reliable way to assure your GB is being watered regularly. A home grade irrigation timer works well.

Soaker hose (Figure 7.) These offer easy installation and removal along with a lowered water usage due to minimal evaporation. Instances of rodent damage to soaker hoses have been reported in dryer months.

Drip tape While practical for nursery "row" style plantings, this option is generally not recommended for gravel bed use. This is due to its labor intensive setup, short service time, and high vulnerability to animal damage.

Stationary spray heads (Figure 8.&9.) These require less water pressure than a soaker hose, but use more water due to higher evaporation. Placing the spray heads closer to the ground decreases water use compared to heads higher above the ground.

Irrigation time A good starting point for irrigation time is around 100 minutes of irrigation per day. Most home grade irrigation timers have 4-6 timing intervals you can set. This means you could do 4 intervals at 25 minutes, 5 intervals at 20 minute, and so on. It is recommended one interval during the night, one right before sun-up and the rest spread out through the daylight hours. These times are dependant on the flow rate of your system, along with the exposure of your gravel bed. Do not take these recommendations as law! Check the moisture of your bed and adjust accordingly.





Figure 6. Irrigation timers.



Figure 7. Wrap soaker hose through rows of trees, placing it close to tree stems.



Figure 8. Stationary spray head.

Figure 9. Stationary spray head.

Monitoring moisture level

Checking gravel moisture The easiest and cheapest way to monitor gravel moisture is to check the gravel moisture level with your fingers. Typically if you stick your hand into the gravel up to your extended thumb and feel moisture (about 4" deep), the bed is being adequately watered.

Indicator species Certain species of plants can be used to help monitor the moisture level of the GB. Typically species that wilt and recover quickly make good indicator species. Species we have found work well are Catalpa and Potentilla. When these plants wilt, water the bed as soon as you can.

Post options

4"x4" pressure treated posts For these posts auger a hole to bury each post in the ground. For stability half of the length of the post should be below ground. When backfilling make sure to tamp or compact the fill as you go, not only at ground level. Using 'Class 5' will make the post more stable. Spacing for 4"x4" posts are typically every 5'-6' with the splice (where the end of the 2"x10s" meet) of the 2"x10" walls falling on the center of the post.

Heavy duty fence posts (Figure 10.) Buy a post that has holes for lag bolts to go through for attachment to green treated 2"x10" walls. Simply drive the posts into the ground with a hand held post pounder, sledge hammer, or pneumatic post pounder. Spacing for fence posts are typically every 5'-6', with one post being in the middle and one on each end of the 2"x10" (3 posts per board length).

Street sign posts Your community may have old street sign posts available. Drive these into the ground and fasten them to the green treated 2"x10" with 2 hole conduit straps (4 per post). A pneumatic post pounder is needed for driving the posts into the ground. Spacing for sign posts are typically every 5'-6', with one post being in the middle and one on each end of the 2"x10" (3 posts per board length).

All post options should be buried at least 20" in the ground.



Figure 10. This GB in Morris, MN uses fence posts, lag screws, and angle irons in the corners.

Laying out and leveling

The first step in building a gravel bed is laying out where each post is going. Small flags or construction paint are useful for this. Measure out where each corner post will be and mark with a flag. See Appendix B. for instructions on squaring the bed. After the corners are laid out, mark or flag where each post will be located. You can get a general idea of how level the ground is by driving two stakes in the ground in two corners of the bed and running a tight construction line (string) from one stake to the other. Either attach a line level or hold a hand level up to the construction line and adjust the line on one stake until it is level. You can now measure from the line to the ground to get an idea if cutting or filling is needed.

Geotextile fabric/weed barrier The purpose of lining the GB with this is for ease of clean up in the future. It keeps the gravel from being compacted into the soil. Line the bottom and sides of the bed with the barrier if desired. Never use plastic as a substitute. It will not allow for proper drainage and can encourage rot of the structure.

Selecting bare root trees and shrubs

Before deciding what species, sizes, and quantities to order from the nursery, ask yourself the following 9 questions:

1. What are the recommended trees and shrubs for my area of the state?

Refer to-"Recommended trees: an ecosystem approach" www.extension.umn.edu/distribution/naturalresources/ M1277.html and "Tough Trees and Shrubs for Tough Sites" www.extension.umn.edu/distribution/naturalresources/ dd7502.html

Also located in "All You need To Know About Community Gravel Beds: Appendices" PDF available at trees.umn.edu/products

2. What trees and shrubs do well in the gravel bed?

We have composed a list of species performance in the gravel bed. See Appendix A.

3. How many trees does my gravel bed hold? Refer to Table 1.



A young community member doing her part. Photo courtesy: Jacob Ryg

4. How many newly planted trees and shrubs can I maintain at once?

Dependant on available employees or volunteers during the summer months to water trees.

5. Is there an opportunity to plant new trees and shrubs (new construction sites, parks, boulevards, etc.) and what species will work well on those sites?

Take into consideration site conditions like height restrictions (utility lines), soil (wet or droughty), salt exposure...etc. "Recommended trees: an ecosystem approach" as well as "Tough Trees and Shrubs for Tough Sites" (see above for access) can help with making species choices for certain sites.

6. What size of stock should I order?

We recommend bare root tree stock from 1"-2" in diameter, but a variety of sizes have been used with great success. Buy the size you want to plant out in fall as they will grow minimally above ground during the time in the GB.

7. Would residents of my community be interested in a tree sale?

Community tree sales are a good way to draw attention to your GB as well as giving you some control over species planted on private property.

8. When should I install bare root stock in the gravel bed?

After the ground thaws and when buds are supple, but before leaf-out. Bare root stock should typically be ordered from a nursery in late fall to early winter. Ordering early allows time for the order to be processed and delivered to the nursery by the following spring.

9. What species would increase the diversity of my community's urban forest?

Stay away from species that are overplanted in your community. Plant trees that make-up a low percentage of your urban forest, or consider introducing new species. If you do not have a tree inventory for your community, in 2010 the Minn. Department of Natural Resources completed a Rapid Assessment Tree Inventory of most communities in Minnesota. This can give you an idea of the top species in your urban forest.

For access to this inventory contact the DNR Information Center at info.dnr@state.mn.usto request a chart and table. Their number is 651-296-6157or toll-free at 888-646-6367.

Importance of species diversity in an urban forest

A high level of species diversity in your urban forest protects you from catastrophic tree loss after introduction of a new insect or disease. A general rule is the 10-20-30 rule. This means one species should make up no more than 10%, one genus should make up no more than 20%, and one family should make up no more than 30% of your total tree population. This rule is a recommended minimum, strive for higher diversity if possible.

ANSI Standards for bare root stock

The performance of the bare root stock in the GB greatly depends on the quality of stock received. There are minimum standards all nurseries in America are required to meet when supplying nursery stock. These can be found in the American Standard for Nursery Stock (ANSI Z60.1-2004). Contracts with nurseries can be written with standards that exceed ANSI standards, such as Minn. Department of Agriculture has written in "INSPECTION AND CONTRACT ADMINISTRATION MANUAL FOR MnDOT LANDSCAPE PROJECTS, 2013 EDITION." This manual can be found at goo.gl/fbfxb or www.dot.state.mn.us/roadsides/vegetation/pdf/landscapeinspectionmanual.pdf

1.5 Bare root specifications

1.5.1 Nursery grown - spread of roots

Definition: Trees grown in the ground in the nursery without artificial root restriction devices, such as containers or fabric bags, under favorable growing conditions and which have received the proper cultural treatment to develop a well-branched root system. After harvest, the soil is removed from the roots.

Table 5 - Caliper/height/root spread relationship - nursery grown bare root trees

All bare root trees shall have a well-branched root system characteristic of the species. The following table represents the approved minimum root spread for nursery grown shade trees.

Caliper	Average height range	Minimum root spread
½ in.	5 to 6 ft.	12 in.
¾ in.	6 to 8 ft.	16 in.
1 in.	8 to 10 ft.	18 in.
1 ¼ in.	8 to 10 ft.	20 in.
1 ½ in.	10 to 12 ft.	22 in.
1 ¾ in.	10 to 12 ft.	24 in.
2 in.	12 to 14 ft.	28 in.
2 ½ in.	12 to 14 ft.	32 in.
3 in.	14 to 16 ft.	38 in.

The bare root specifications at right are taken directly from ANSI Z60.1-2004. There are many more standards bare root nursery stock are required to meet besides what is shown here. It is highly recommended that you look through these standards before accepting nursery stock. As a buyer you have the right to decline stock that does not meet standards outlined in ANSI Z60.1-2004 or standards specified in your contract with the nursery.

Source: American Standard for Nursery Stock (ANSI Z60.1-2004) Page 13. www.anla.org/docs/About%20ANLA/Industry%20Resources/ANLAStandard2004.pdf

Installing bare root stock in the Gravel Bed

Plan to install the bare root stock in the GB the same day it is delivered or picked up. If not, you can leave them overnight in a stock tank full of water, or in a dark cool place with wet straw or untreated burlap over the roots.

There are two options for installing stock into the GB:

1. With a shovel (Figure 11.) With the bed full of gravel, dig a trench down to ground level. Hold the trees in place and backfill the gravel on the root system and around the stem. Mound the gravel around the stems to hold them in place. Make sure to thoroughly water the stock in the gravel bed after installation and assure the irrigation system is working properly. Roots need to be covered with about 4 inches of gravel for stable moisture content.



Rows of installed trees, Rochester, MN Photo courtesy: Jacob Ryg



Figure 12. Installing trees with a machine in Rochester, MN Photo courtesy: Jacob Ryg



Figure 11 (above). Installing trees in gravel bed with shovel.

2. With a machine (Figure 12) If you have a machine with a bucket, start with a layer of gravel 2"-4" on the ground and the rest removed. Hold a row of trees upright and dump a bucket of gravel on the root systems. Dump enough gravel to hold the trees in place and move on to the next row. Make sure to thoroughly water the stock in the gravel bed after installation and assure the irrigation system is working properly. Roots need to be covered with about 4 inches of gravel for stable moisture content.

Monitor trees-The most important thing to monitor after tree installation is sufficient gravel moisture. Check the gravel bed

regularly after installation and make adjustments to irrigation system as needed. As long as there is proper drainage in the bed, it is better to overwater than underwater.



Keeping roots from drying out before installing in GB. Photo courtesy: Jacob Ryg

Removing bare root stock from gravel bed and planting

When to harvest gravel bed stock We recommend the trees spend 3-6 months (2-3 months at least) in the GB before transplanting into the soil to gain the maximum benefits of the GB. Depending on local temperatures and weather, September to early November is a good time to harvest and plant out GB stock.

Handling bare root stock out of the gravel bed Keeping the roots of the bare root stock from drying out is essential to tree survival. A stock tank full of water can be useful when removing the plants from the bed, otherwise spray them down with a hose when needed. Keep them out of the sun and wind as much as possible. Before transporting, cover the roots with straw, untreated burlap, or place them in a plastic bag and spray down with water. This provides a reasonable amount of time to get them in the ground.

Planting bare root stock

Prune out dead or broken branches as well as encircling or broken roots.

Dig hole to proper depth (measure from 1st main lateral root to bottom of root system) and 2-3 times as wide as the root system. (Figure 13.)

Place tree in the hole and backfill the soil assuring soil is no more than 1" above 1st main lateral root.

Place a 2"-4" layer of mulch around tree keeping mulch from touching the tree's trunk. Think mulch donut, not volcano.

Staking of gravel bed trees is typically not needed.

Water with 5 gallons immediately after planting.

Continue to water tree as needed for next 2-3 years after transplant.



Volunteer tree planting in Rochester, MN Photo courtesy: Jacob Ryg

We highly recommend looking through a free USFS publication called "Tree Owner's Manual" which is a very concise manual for tree planting and maintenance. It is available online at www.treeownersmanual.info or in "All You Need To Know About Community Gravel Beds: Appendices" PDF Available at trees.umn.edu/products.

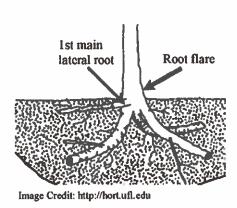
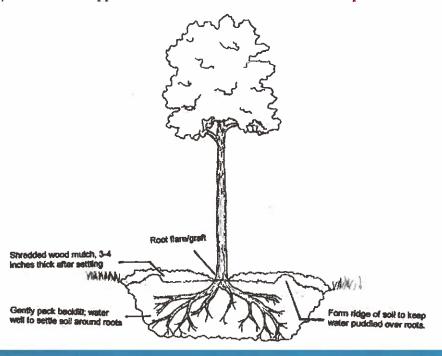


Figure 13. Image of a properly planted bare root tree.



PERSONAL EXPERIENCES WITH COMMUNITY GRAVEL BEDS AROUND MINNESOTA

"The City of Duluth uses a gravel bed and it has really allowed us to get more trees for our money, since bare root trees are significantly cheaper. We have found that sometimes the weather conditions really do a number on the way the trees look (particularly their leaves....they almost look like they're half dead), but when you pull them out of the gravel bed in the fall, their roots look beautiful and all doubts about their condition are relieved. They do great in the ground after being planted, and the leaves look great the next season. Species that have worked for us are crabapples, Japanese tree lilacs, swamp white oak (but not other oaks), and some maple hybrids. We haven't tried anything else yet, but plan to try some elm hybrids, hackberry, and honeylocust this year."

- Shawna MullenEardley, Urban Forestry GreenCorps Member, Duluth, MN.

"Our gravel bed has been an exciting addition to our city reforestation program. Every good city forester knows that planting bare root trees is vital to a cost effective way to get a sizeable number of trees planted within a city. Gravel beds are a way to make a very perishable (bare root) tree into something that can be planted with very little water and care – any time during the growing season. Labor is our most expensive budget time and when we can avoid many injuries associated with using heavy tree packaging methods – we come out ahead. Trees that come out of a gravel bed have excellent root systems that often give a small tree a more successful start on the landscape."

- Jacob Ryg, City Forester, Rochester, MN

"The root development on bare root trees in the first season is amazing.They can end up getting as thick as a mop head.We have found roots as long as 3 feet long in a single growing season."

- Jeff Haberman, Park Forester, Fargo, ND

"I think having the gravel bed has been great. Two main aspects... WOW do the roots grow. From when we place trees in the GB in the spring until we take them out, their roots have really grown to the point it is tough sometimes to get them out. Secondly, it has been a great talking point. Everybody asks what we are doing with the gravel bed and it really gets the conversation going about trees and plantings, etc..."

- David Blees, City Administrator, Hendricks, MN

"Utilizing the gravel bed system in our community has been a successful endeavor. We are now able to plant bare root trees throughout the growing season. This has resulted in reduced costs in materials and labor versus using all containerized trees."

- Mike Bahe, Natural Resource Specialist, Hutchinson, MN.

"My experience with GBs has been all positive. The benefits for the trees is the greatest benefit, and it also plays into our hands in that it so inexpensive to build and offers such great flexibility in planting out the stock. I'm very impressed with how many roots they will grow in a short time. Gravelbed Nurseries just may be the answer to male-patterned baldness as well."

- Daryl Brekke, Engineering Technician/Tree Inspector, City of Hibbing, MN

Bibliography

Harris, J.R. (2002). Transplant timing affects early root system regeneration of sugar maple and northern red oak. HortScience, 37.6, 984-987.

APPENDIX A.

Minnesota Gravel Bed Recommendations

Urban Forestry & Horticulture Research Institute - University of Minnesota

Botanical Name	Common Name	Gravel Bed Suitability*	Transplant Success**	Best Transplant: Time of Year
Acer platanoides and varieties	Norway Maple	Good	Good	Summer; Autumn
Acer rubrum	Red Maple	Poor	Fair	Summer; Autumn
Acer saccharinum	Silver Maple	Good	Good	Summer; Autumn
Acer saccharum	Sugar Maple	Fair	Good	Summer: Autumn
Aesculus glabra	Ohio Buckeye	Fair	Fair	Summer; Autumn
Alnus glutinosa	European Alder	Excellent	Excellent	Summer; Autumn
Alnus hirsuta 'Harbin'	Prairie Horizon Alder	Excellent	Excellent	Summer; Autumn
Amelanchier canadensis	Juneberry	Fair	Good	Summer; Autumn
Aronia melanocarpa	Black Chokeberry	Excellent	Excellent	Summer; Autumn
Betula nigra	River Birch	Fair	Fair	Summer; Autumn
Betula papyrifera	Paper Birch	Good	Good	Summer; Autumn
Betula papyrifera 'Varen'	Prairie Dream Paper Birch	Good	Good	Summer; Autumn
Betula platyphylla VerDale	Prairie Vision Asian White Birch	Good	Good	Summer; Autumn
Betula populifolia 'Whitespire'	Whitespire Birch	Good	Good	Summer; Autumn
Celtis occidentalis	Hackberry	Fair	Good	Summer; Autumn
Согниз атотит	Silky Dogwood	Extellent	Excellent	Summer; Autumn
Cornus racemosa	Grey Dogwood	Excellent	Excellent	Summer; Autumn
Cornus racemosa "Jade"	Snow Mantle Grey Dogwood	Excellent	Excellent	Summer: Autumn
Cornus sericea	Redosier Dogwood	Excellent	Excellent	Summer: Autumn
Corylus americana	American Hazel	Excellent	Excellent	Summer: Autumn
Crataegus mollis	Downy Hawthorn	Poor	Poor	neither
Crataegus phaenopyrum	Washington Hawthorn	Poor	Poor	neither
Gymnocladus dioicus	Kentucky Coffeetree	Good	Good	Summer: Autumn
Gymnocladus dioicus 'Bravo'	Bravo Kentucky Coffeetree (male)	Good	Good	Summer; Autumn
Juglans nigra	Black Walnut	Good	Good	Summer; Autumn
Larix laricina	Tamarack	Excellent	Excellent	Summer; Autumn
Maackia amurensis	Amur Maackia	Good	Good	Summer: Autumn
Maackia amurensis 'Starburst'	Starburst Amur Maackia	Good	Good	Summer; Autumn
Malus spp.	Crabapple	Excellent	Excellent	Summer: Autumn
Botanical Name	Common Name	Gravel Bed Suitability*	Transplant Success**	Best Transplant: Time of Year
Phellodendron amurense 'His Majesty'	His Majesty Male Corktree	Fair	Fair	Summer; Autumn
hellodendron amurense 'Macho'	Macho Male Corktree	Fair	Fair	Summer; Autumn
Physocarpus opulifolius	Common Ninebark	Excellent	Excellent	Summer; Autumn
Picea abies	Norway Spruce	Fair	Good	Summer; Autumn
Picea glauca var. densata	Black Hills Spruce	Good	Good	Summer; Autumn
Pinus ponderosa	Ponderosa Pine	Good	Good	Summer; Autumn
Populus deltoides	Cottonwood (male clone)	Good	Good	Summer; Autumn
Prunus americana	American Plum	Good	Good	Summer; Autumn
Prunus maackii	Amur Chokecherry	Excellent	Excellent	Summer; Autumn
Prunus serotina	Black Cherry	Good	Good	Summer; Autumn
Pyrus ussuriensis	Ussurian Pear	Good	Excellent	Summer; Autumn
Quercus alba	White Oak	Poor	Poor	Neither

Botanical Name	Common Name	Gravel Bed Suitability*	Transplant Success**	Best Transplant: Time of Year
Quercus macrocarpa	Bur Oak	Poor	Poor	Neither
Quercus rubra	Red Oak	Poor	Poor	Neither
Rhus typhina	Staghorn Sumac	Excellent	Poor/Excellent	Summer; Autumn
Salix amygdaloides	Peach-Leaf Willow	Good	Good	Summer; Autumn
Sorbus spp.	Mountain Ash	Good	Good	Summer; Autumn
Syringa pekinensis 'SunDak'	Copper Curls Tree Lilac	Good	Excellent	summer; Autumn
Syringa reticulata	Japanese Tree Lilac	Excellent	Excellent	Summer; Autumn
Syringa vulgaris	Common Lilac	Excellent	Excellent	Summer; Autumn
Thuja occidentalis	Northern White Cedar	Excellent	Excellent	Summer; Autumn
Tilia americana ('Boulevard,' 'Redmond')	American Linden	Good	Good	Summer; Autumn
Tilia cordata	Littleleaf Linden	Fair	Fair	Summer; Autumn
Ulmus americana 'American Liberty'	American Liberty American Elm	Good	Good	Summer; Autumn
Ulinus americana 'New Horizon'	New Horizon American Elm	Excellent	Excellent	Summer; Autumn
Ulmus americana 'St. Croix'	St. Croix American Elm	Good	Good	Summer; Autumn
Botanical Name	Common Name	Gravel Bed Suitability*	Transplant Success**	Best Transplant: Time of Year
Ulmus americana 'Prairie Expedi- tion'	Prairie Expedition American Elm	Excellent	Excellent	Summer; Autumn
Ulmus americana 'Princeton'	Princeton American Elm	Excellent	Excellent	Summer; Autumn
Ulmus americana 'Valley Forge'	Valley Forge American Elm	Good	Good	Summer; Autumn
Ulmus davidiana var. japonica 'Discovery'	Discovery Elm	Excellent	Excellent	Summer; Autumn
Viburnum dentatum	Arrowwood Viburnum	Excellent	Excellent	Summer; Autumn
Viburnum lentago	Nannyberry	Excellent	Excellent	Summer; Autumn
Viburnum trilobum	American Cranberrybush Viburnum	Excellent	Excellent	Summer: Autumn

^{*}Definition of Gravel Bed Suitability: High survival rate in GB, develops more fibrous root system, and has a greater survival rate when transplanted.

Excellent = Shows excellent improvement over typical stock types

Good = Shows good improvement over typical stock types

Fair=Shows little improvement over typical stock types

Poor = Condition declines in GB

This list of species performance is based on research done by the Forest Resources-Urban Forestry Department at the University of Minnesota. If a species is not on this list, it does not mean it will not perform well in the Community Gravel Bed. 82% of species we have studied in the GB have resulted in having either a Good or Excellent Transplant Success, with only 8% of studied species having a Poor Transplant Success.

If you try species not on this list, we recommend buying only a few the first year to test their suitability. We would be very interested to hear your results with new species, as well as species on this list. If you have results you want to share please send them to Gary Johnson johns054@umn.edu at the University of Minnesota.

^{**}Definition of Transplant Success: Has higher survival rate due to more fibrous roots system and the ability to plant later in the growing season

A Breakdown of the GB Species Performance List

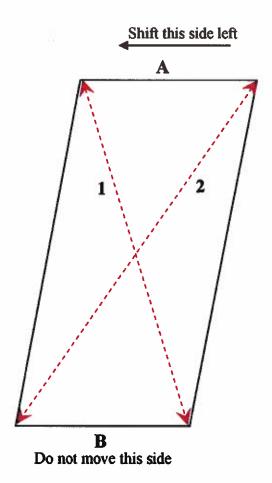
	GB Suitability (#species/rating)	Transplant Success (#species/rating)	GB Suitability (%/rating)	Transplant Success (%/rating)
Excellent	23	25	37%	40%
Good	24	26	3%	42%
Fair	9	6	15%	10%
Poor	6	5	10%	8%
Total	62	62	100%	100%

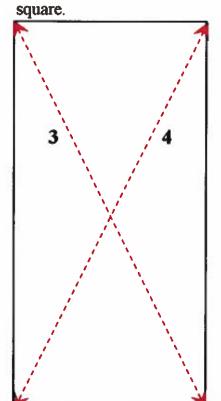
The table above is based on the provided list "Minnesota Gravel Bed Recommendations."

APPENDIX B.

Squaring the Gravel Bed

After your corner flags are set in approximate locations, take a measurement from each corner of one side to the opposite corners of the other side (as shown below). If these measurements are the same, your bed is square. If they are not, adjust one side (A) by moving it parallel to the opposite side (B). In the case below, measurement 2 is longer than measurement 1. By shifting side A left and leaving side B in place, measurement 2 decreases in length and measurement 1 increases in length. Adjust one side (A) until the measurements are the same.





Measurements 3 and 4 are equal therefore the bed is

APPENDIX C.

Community Contacts

The contacts listed below are professionals who have first hand experience with the Community Gravel Bed and have agreed to share their experience:

Name	Title	Email	Phone
Daryl Brekke	Daryl Brekke Engineering Technician II City of Hibbing, MN		218-262-3486, ext. 723
Jacob Ryg	City Forester City of Rochester, MN	jryg@rochestermn.gov	507-328-2515
Paige Scarborough MN GreenCorps Urban Forestry		scarb015@morris.umn.edu	320-766-6295
Sam Kezar	Sam Kezar Owner, Aspen Arboriculture Solutions, LLC		218-289-4862
Mike Bahe Natural Resource Specialist City of Hutchinson, MN		mbahe@ci.hutchinson.mn.us	320-234-4475
Shawna MullenEardley Urban Forestry GreenCorps Member			218-730-4311
Jeff Haberman	Forester City of Fargo	jhaberman@fargoparks.com	

Minnesota Nurseries That Supply Bare Root Stock:

The list below displays some of the bare root stock suppliers in Minnesota (based on an internet search of "bare root nursery MN"). This is not a complete list of suppliers in Minnesota, nor do we endorse any of the suppliers listed below. This is simply an aid to find and compare bare root suppliers in your area.

Name	Address	Phone	Email	Website
B&J Evergreen	12946 47th Street Clear Lake, MN 55319	320-743-2255	trent@bjevergreen.com	www.bjevergreen.com/
Bailey Nurseries	1325 Bailey Road St. Paul, MN 55119	800-829-8898	plants@baileynursries. com	www.baileynurseries.com/
Branch Landscape Nursery	7185 372nd St. North Branch, MN 55056	651-674-7698	eric@branchland.com	www.branchland.com/
Cross Nurseries Inc.	22953 Highview Ave Lakeville, MN 55044	952-469-2414	crossnurseries@frontier- net.net	www.crossnurseries.com/
Jim Whiting Nursery and Garden Center	3430 19th St NW Roch- ester, MN 55906	507-289-3741	chris@jimwhitingnurs- ery.com	www.cheapbareroot.com/
Kahnke Brothers Tree Farm	10603 Boone Road Plato, MN 55370	320-238-2572	conniek@kahnkefarm. com	www.kahnkefarm.com/
Nelson Nursery Inc. Garden Center	25834 Main Street Zim- merman, MN 55398	763-856-2441	garden@nelsonnursery. com	www.nelsonnursery.com/
Prairie Moon Nursery	32115 Prairie Lane Winona, MN 55987	507-452-1362	info@prairiemoon.com	www.prairiemoon.com/
Schumachers Nursery and Berry Farm Inc.	37806 910th St. Heron Lake, MN 56137	507-793-2288	berry01@centurytel.net	www.schumachersnursery.com/
Stockmen's Greenhouse and Landscaping	60973 US Highway 12 Litchfield, MN 55355	320-693-7787	stockmen@hutchtel.net	stockmensgreenhouse.com/

DRAMATICALLY INCREASE THE HEALTH & SURVIVAL OF TRANSPLANTED TREES



ALL YOU NEED TO KNOW ABOUT COMMUNITY GRAVEL BEDS











Authors: Jacob Busiahn and Sean Peterson University of Minnesota, Department of Forest Resources, 2013

Appendix O

City of Racine Gravel Bed

Design

The City of Racine has a tree gravel bed system that they have been using for more than 5 years. The size is about 60' x 60' and it can hold between 300 and 500 trees (depending on caliper size)

(Red is underground water supply to hydrant, Blue is underground water supply from hydrant, green is above ground water pipe and hose bibs for gravel bed use.



Water Supply and irrigation timer



Above ground water supply





Trees in gravel bed





City of Plymouth Gravel Bed

Design

The City of Plymouth has a tree gravel bed system that they installed in 2020. It holds 80 1.5"-2" caliper trees



Water Supply and irrigation timer



Examples of root systems before and after being in the gravel bed



After



Appendix P

City of Sheboygan Proposed Bare Roots Accelerated Growth System (BRAGS)

In the fall of 2021 the City of Sheboygan Department of Public works proposes to construct a BRAGS gravel bed within a 60' by 90' fenced in area that was formerly used as a police impound yard. The area will have a 2" water supply line installed underground from the Municipal Service Building to allow for irrigation to the trees placed into the gravel bed. This work will be done by Aldag Honold, see attached quote. The area will be graded and paved by DPW staff to allow for ideal drainage conditions. Once paved, boarder block and lumber will be secured around the perimeter to hold the gravel that will be used when the site is active. The SE corner of the area will have higher walls to be used as a holding area for the gravel during the off season. Once the boarder is set up DPW staff will install the above ground plumbing parts. This will all occur in the fall of 2021. In the spring of 2022 300 trees will be installed into the gravel bed system and will remain there until they are planted in the fall of 2022. The controlled irrigation and pea gravel medium will allow the tree roots to add a vast number of fine roots. This will give them a huge jump start and increased chance of survival when they are planted along the street and /or in parks. The BRAGS gravel bed should hold 560 trees and the plan would be to start with 300 in 2022 to get used to the process and then work up to the 560 annual amount within a few years.

Site location:

Back yard of the Municipal Service Building at 2026 New Jersey Avenue Sheboygan WI, 53081

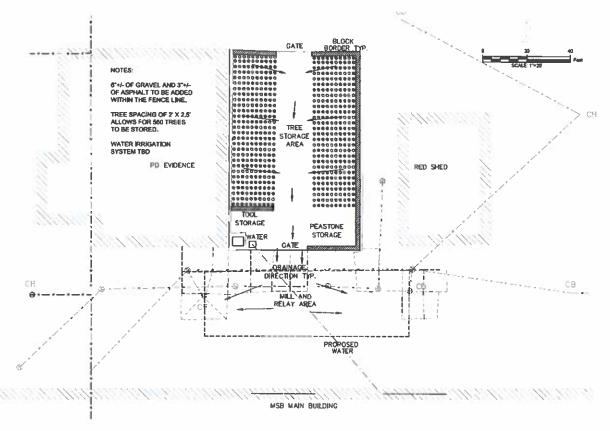
City map highlighting location



Design plan aerial view



Conceptual Map



Photographs of Site









City of Sheboygan DPW 2026 New Jersey Ave Sheboygan, WI 53081

Attn: Tim Bull

RE: Irrigation Main Piping

Dear Mr. Bull:

We offer to furnish all labor, equipment, and material to install the 2" water main into the gravel plating bed. Pricing is based off our conversations, site walk through, and the following notes. Our proposal includes all labor, materials, tools, equipment, soft costs, and subcontractors to complete the Scope of Work as outlined below.

Our cost is not to exceed: \$4,989.00

Our cost to connect the deduct meter to all outside water supplies is: \$650.00.

Our Plumbing proposal includes:

- Provide and install 2" CTS DR9 HDPE Blue pipe for the irrigation main. This includes the piping up to the above ground Tee and ball valves. (Picture provided on termination spot)
- Provide and install (2) timers and valves on each branch.
- Provide and install (2) PVC ball valves.
- Bleed off valve in manhole.
- Local Plumbing Permit.

Our proposal does not include:

- Excavation
- Removal of spoils
- Backfilling
- Overtime or shift premiums
- Concrete cutting, coring or patching
- Ceiling removal or replacement
- Concrete pads and housekeeping pads
- Demolition
- Roofing work
- Electrical work



• Backflow preventer (I talked to Scott Winter and due to there being a backflow already serving this pipe we should not need another one at this point. We may have to install one in the future if Hydro Flow says we need to when they do their inspections).



Our standard payment terms are net 30 days. Interest will be charged on past due accounts at 1.5% per month.

By submission of its bid, Aldag/Honold Mechanical, Inc. reserves the right to negotiate mutually acceptable contract terms, including review of any applicable prime contract provisions, upon award of the work.

Acceptance of any proposal will be based upon receipt of a signed copy of this proposal or a written purchase order. Work will not commence prior to receipt of written authorization as stated above.

Projects may be progress billed.

The potential section 232 ruling introduces an unpredictable element to our cost structure. Therefore, until this matter is resolved, all new orders are subject to review before acceptance

Thank you for the opportunity to submit this proposal. Please contact me with any questions.

Respectfully submitted,

Chad C Versey

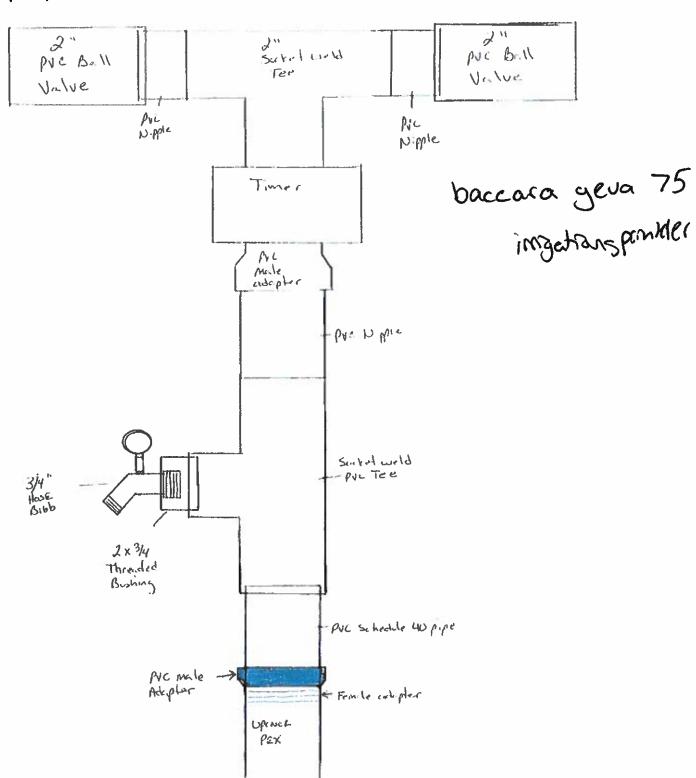
Chad C Versey
Aldag/Honold Mechanical, Inc.
Assistant Plumbing/Piping Project Manager
Chad v@aldaghonold.com

ACCEPTANCE OF PROPOSAL

Customer Signature:	Date:
	Purchase Order Number:

RE: Irrigation Main Piping





Appendix Q

Fall 2021 Nine Park 100 Tree Ash Replacement Project - City of Sheboygan

It is proposed that in October of 2021 100 1 ¾" caliper trees will be purchased and planted in nine City of Sheboygan parks to replace 100 ash trees that were removed in 2020 and 2021.



Map above has nine park locations highlighted in orange

Aerial photographs on additional pages show each park location and have colored dots representing trees. Dots that have an AR on them mean they are ash trees that will be removed within the next 4 months, those with an S on them have already been cut down and are currently stumps that will be ground out within the next 4 months.

Camelot Dog Run Park



Planting Cost: \$2567

15 new trees needed total = \$1537

- (5) 1 ¾" Dawn Redwood @ \$92 each = \$460
- (3) 1 ¾" Swamp White Oak @ \$107 each = \$321
- (2) 1 ¾" Sugar Maple @ \$98 each = \$196
- (3) 1 ¾" Honeylocust @ \$98 each = \$294
- (2) 1 ¾" Ginkgo @ \$133 each = \$266

Estimated 2 hours to plant 15 trees for 4 City employees

Manpower costs: \$520 2 x 4 x \$65 per hour

- Stump Grinder with truck \$135 per hour for 2 hours = \$270
- 1 ton with mulch: \$60 per hour for 2 hours = \$120
- 1 ton with water: \$60 per hour for 2 hours = \$120

Charles Voight Park

Planting Cost: \$1787

10 new trees needed \$100 each = \$1015

(3) 1 ¾" Dawn Redwood @ \$92 each = \$276

(2) 1 ¾" Swamp White Oak @ \$107 each = \$214

(2) 1 ¾" Sugar Maple @ \$98 each = \$196

(2) 1 %" Honeylocust @ \$98 each = \$196

(1) 1 ¾" Ginkgo @ \$133 each = \$133

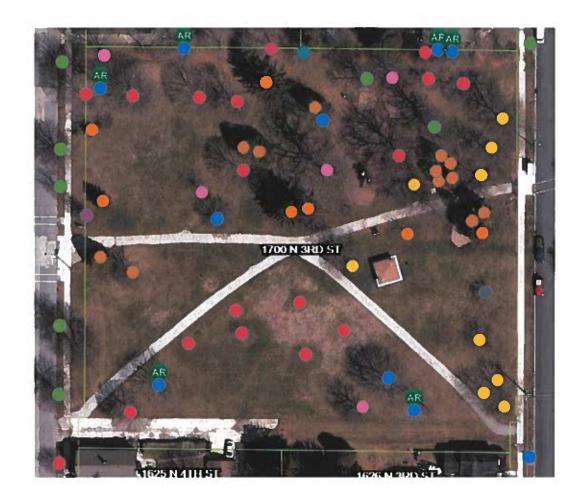


Estimated 1.5 hours to plant 10 trees for 4 City employees

Manpower costs: \$390 1.5 x 4 x \$65 per hour

- Stump Grinder with truck \$135 per hour for 1.5 hours = \$202
- 1 ton with mulch: \$60 per hour for 1.5 hours = \$90
- 1 ton with water: \$60 per hour for 1.5 hours = \$90

Cole Park



Planting Cost: \$1182

6 new trees needed \$100 each = \$667

- (1) 1 ¾" Swamp White Oak @ \$107 each = \$107
- (2) 1 3/4" Sugar Maple @ \$98 each = \$196
- (1) 1 ¾" Honeylocust @ \$98 each = \$98
- (2) 1 ¾" Ginkgo @ \$133 each = \$266

Estimated 1 hour to plant 6 trees for 4 City employees

Manpower costs: \$260 1 x 4 x \$65 per hour

- Stump Grinder with truck \$135 per hour for 1 hour = \$135
- 1 ton with mulch: \$60 per hour for 1 hour = \$60
- 1 ton with water: \$60 per hour for 1 hours = \$60

End Park



Planting Cost: \$3530

19 new trees needed \$100 each = \$1985

- (3) 1 ¾" Dawn Redwood @ \$92 each = \$276
- (4) 1 ¾" Swamp White Oak @ \$107 each = \$428
- (4) 1 %" Sugar Maple @ \$98 each = \$392
- (5) 1 ¾" Honeylocust @ \$98 each = \$490
- (3) 1 ¾" Ginkgo @ \$133 each = \$399

Estimated 3 hours to plant 19 trees for 4 City employees

Manpower costs: \$780 3 x 4 x \$65 per hour

- Stump Grinder with truck \$135 per hour for 3 hours = \$405
- 1 ton with mulch: \$60 per hour for 3 hours = \$180
- 1 ton with water: \$60 per hour for 3 hours = \$180

Franklin Park



Planting Cost: \$1049

5 new trees needed \$100 each = $\frac{$534}{}$

- (1) 1 %" Swamp White Oak @ \$107 each = \$107
- (2) 1 %" Sugar Maple @ \$98 each = \$196
- (1) 1 ¾" Honeylocust @ \$98 each = \$98
- (1) 1 ¾" Ginkgo @ \$133 each = \$133

Estimated 1 hour to plant 6 trees for 4 City employees

Manpower costs: \$260 1 x 4 x \$65 per hour

- Stump Grinder with truck \$135 per hour for 1 hour = \$135
- 1 ton with mulch: \$60 per hour for 1 hour = \$60
- 1 ton with water: \$60 per hour for 1 hours = \$60

Moose Park

Planting Cost: \$3452

18 new trees needed \$100 each = \$1907

- (4) 1 ¾" Dawn Redwood @ \$92 each = \$368
- (3) 1 ¾" Swamp White Oak @ \$107 each = \$321
- (4) 1 ¾" Sugar Maple @ \$98 each = \$392
- (3) 1 ¾" Honeylocust @ \$98 each = \$294
- (4) 1 ¾" Ginkgo @ \$133 each = \$532

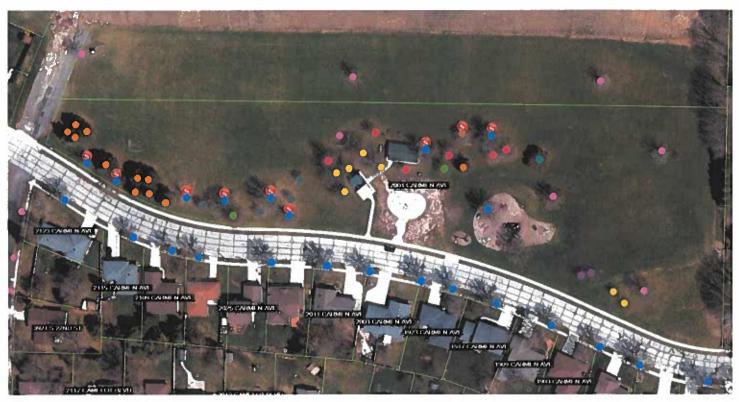
Estimated 3 hours to plant 18 trees for 4 City employees

Manpower costs: \$780 3 x 4 x \$65 per hour

- Stump Grinder with truck \$135 per hour for 3 hours = \$405
- 1 ton with mulch: \$60 per hour for 3 hours = \$180
- 1 ton with water: \$60 per hour for 3 hours = \$180



Optimist Park



Planting Cost: \$1840

10 new trees needed \$100 each = \$1068

- (2) 1 %" Swamp White Oak @ \$107 each = \$214
- (3) 1 3/4" Sugar Maple @ \$98 each = \$294
- (3) 1 3/4" Honeylocust @ \$98 each = \$294
- (2) 1 ¾" Ginkgo @ \$133 each = \$266

Estimated 1.5 hours to plant 10 trees for 4 City employees

Manpower costs: \$390 1.5 x 4 x \$65 per hour

- Stump Grinder with truck \$135 per hour for 1.5 hours = \$202
- 1 ton with mulch: \$60 per hour for 1.5 hours = \$90
- 1 ton with water: \$60 per hour for 1.5 hours = \$90

Sheridan Park



Planting Cost: \$951

4 new trees needed \$100 each = \$436

- (1) 1 34" Swamp White Oak @ \$107 each = \$107
- (1) 1 ¾" Sugar Maple @ \$98 each = \$98
- (1) 1 ¾" Honeylocust @ \$98 each = \$98
- (1) 1 ¾" Ginkgo @ \$133 each = \$133

Estimated 1 hour to plant 6 trees for 4 City employees

Manpower costs: \$260 1 x 4 x \$65 per hour

Equipment costs: \$255

- Stump Grinder with truck \$135 per hour for 1 hour = \$135
- 1 ton with mulch: \$60 per hour for 1 hour = \$60
- 1 ton with water: \$60 per hour for 1 hours = \$60

Wildwood Hardball Park



Planting Cost: \$2441

13 new trees needed \$100 each = \$1411

- (5) 1 ¾" Dawn Redwood @ \$92 each = \$460
- (3) 1 ¾" Swamp White Oak @ \$107 each = \$321
- (1) 1 ¾" Honeylocust @ \$98 each = \$98
- (4) 1 ¾" Ginkgo @ \$133 each = \$532

Estimated 2 hours to plant 15 trees for 4 City employees

Manpower costs: \$520 2 x 4 x \$65 per hour

Equipment costs: \$510

- Stump Grinder with truck \$135 per hour for 2 hours = \$270
- 1 ton with mulch: \$60 per hour for 2 hours = \$120
- 1 ton with water: \$60 per hour for 2 hours = \$120

Appendix R



Wisconsin Sales and Use Tax Exemption Certificate

Do not send this certificate to the Department of Revenue

S-211

Purchaser: Complete this certificate and give it to the seller.

Seller: If this certificate is not fully completed, you must charge sales tax. Keep this certificate as part of your records. ✓ Single Purchase Continuous Check One **Purchaser Information** Type of Business **Business Name** CITY OF SHEBOYGAN Government State ZIP Code Business Address SHEBOYGAN WI 53081 2026 NEW JERSEY AVE Purchaser's Tax ID Number State of Issue WISCONSIN 39-6005599 Driver's License Number/State Issued ID Number State of Issue FEIN If no Tax ID Number, enter one of the following: Seller Information Name Address **ZIP Code** State Reason for Exemption Resale (Enter purchaser's seller's permit or use tax certificate number) Manufacturing and Biotechnology Tangible personal property (TPP) or item under s.77.52(1)(b) that is used exclusively and directly by a manufacturer in manufacturing an article of TPP or items or property under s.77.52(1)(b) or (c) that is destined for sale and that becomes an ingredient or component part of the article of TPP or items or property under s.77.52(1)(b) or (c) destined for sale or is consumed or destroyed or loses its identity in manufacturing the article of TPP or items or property under s.77.52(1)(b) or (c) destined for sale. Machines and specific processing equipment and repair parts or replacements thereof, exclusively and directly used by a manufacturer in manufacturing tangible personal property or items or property under s.77.52(1)(b) or (c) and safety attachments for those machines and equipment. The repair, service, alteration, fitting, cleaning, painting, coating, towing, inspection, and maintenance of machines and specific processing equipment, that the above purchaser would be authorized to purchase without sales or use tax, at the time the service is performed. Tools used to repair exempt machines are not exempt. Fuel and electricity consumed in manufacturing tangible personal property or items or property under s.77.52(1)(b) or (c) in this state. Percent of fuel exempt: Percent of electricity exempt: Portion of the amount of fuel converted to steam for purposes of resale. Percent of fuel exempt: Property used exclusively and directly in qualified research, by persons engaged in manufacturing at a building assessed under s. 70.995, by persons engaged primarily in biotechnology in Wisconsin, or a combined group member conducting qualified research for another combined group member that meets these requirements. Farming (To qualify for this exemption, the purchaser must use item(s) exclusively and directly in the business of farming, including dairy farming, agriculture, horticulture, floriculture, silviculture, beekeeping or custom farming services.) Tractors (except lawn and garden tractors), all-terrain vehicles (ATV) and farm machines, including accessories, attachments, and parts, lubricants, nonpowered equipment, and other tangible personal property or items or property under s.77.52(1)(b) or (c) that are used exclusively and directly, or are consumed or lose their identities in the business of farming. This includes services to the property and items above. Feed, seeds for planting, plants, fertilizer, soil conditioners, sprays, pesticides, and fungicides. Breeding and other livestock, poultry, farm work stock, bees, beehives and bee combs. Containers for fruits, vegetables, bee products, grain, hay, and silage (including containers used to transfer merchandise to customers), and plastic bags, sleeves, and sheeting used to store or cover hay and silage. Baling twine and baling wire. Animal waste containers or component parts thereof (may only mark certificate as "Single Purchase"). Animal bedding, drugs for farm livestock or on bees, and milk house supplies. 106

	Go	vernmental Units and Other Exem	pt Entities	Enter CES No., if applic	able					
		The United States and its unincorporated agencies and instrumentalities.								
`		Any federally recognized American Indian tribe or band in this state.								
•	V	Wisconsin state and local governmental villages, or towns, and Wisconsin public	units, including the State of Wiscon schools, school districts, universition	nsin or any agency the es, or technical colle	nereof, Wisconsin counties, cities, ege districts.					
		Organizations organized and operated e of cruelty to children or animals. CES N		cientific, or education (Required	nal purposes, or for the prevention for Wisconsin organizations).					
	Ot	her		·						
		Containers and other packaging, packing	ng, and shipping materials, used to	transfer merchandis	e to customers of the purchaser.					
		Trailers and accessories, attachments, used exclusively in common or contract			s, tractors, and trailers which are					
		Machines and specific processing equipoperation, including repair parts, replace		y in a fertilizer blend	ding, feed milling, or grain drying					
			Building materials acquired solely for and used solely in the construction or repair of holding structures used for weighing and dropping feed or fertilizer ingredients into a mixer or for storage of such grain, if such structures are used in a fertilizer blending,							
		Tangible personal property purchased by if the property is used exclusively and dir radio or television transmissions that are	ectly in the origination or integration	of various sources o	f program material for commercial					
		Fuel and electricity consumed in the origination or integration of various sources of program material for commercial radio or television transmissions that are generally available to the public free of charge without a subscription or service agreement.								
		Percent of fuel exempt:%	Percent of electricity of	exempt:	%					
		Tangible personal property and items, p	on my behalf where		resold by					
	_	is registered to collect and remit sales to	•							
-1	Tangible personal property, property, items and goods under s.77.52(1)(b), (c), and (d), or services purchased by a Native Ameriwith enrollment #, who is enrolled with and resides on the Reservation, where buyer will take possession of such property, items, goods, or services.									
Tangible personal property and items and property under s.77.52(1)(b) and (c) becoming a component of an industrial waste treatment facility, including replacement parts, chemicals, and supplies used or consumed in operating the Do not check the "continuous" box at the top of page 1.										
		Portion of the amount of electricity or natural gas used or consumed in an industrial waste treatment facility. (Percent of electricity or natural gas exempt%)								
		Electricity, natural gas, fuel oil, propane,	nich are 100% wood) used for fuel							
		for residential or farm use.		tural Gas empt	% of Fuel Exempt					
		Residential	<u></u> %	%	%					
		☐ Farm	%	%	%					
		Address Delivered:								
		Percent of printed advertising material		%						
		Catalogs, and the envelopes in which the or to advertise the services of individual	•	ned to advertise and	promote the sale of merchandise					
		Computers and servers used primarily to printing press or are used primarily in pre								
		Purchases from out-of-state sellers of tal and that are then delivered and used so								
		Other purchases exempted by law. (Stat	te items and exemption).							
	the	oclare that the information provided is complete exempt manner indicated. If a product is not limited that failure to remit the use to	t used in an exempt manner, I will remi	t use tax on the purch	ase price at the time of first taxable					
	1	UTION: Using this certificate to avoid paying	· · · · · · · · · · · · · · · · · · ·		` <u> </u>					
	_	nature of Purchaser	Print or Type Name	Title	Date					
					107					
	S-211	(R. 10-18)	-2-		Wisconsin Department of Revenue					



Sheboygan County Planning & Conservation Department

Administration Building P: (920) 459-3060

508 New York Avenue P: (920) 459-1370

Sheboygan, WI 53081-4126 F: (920) 459-1371

E: plancon@sheboygancounty.com

Director Aaron C. Brault

Memo

TO: Planning, Resources, Agriculture & Extension Committee Members

FROM: Tyler Betry

DATE: July 13, 2021

RE: 2021 Stewardship Staff Recommendation: Environmental Park Trust of Sheboygan County – Maywood

Park Habitat Improvement Project

The Environmental Park Trust of Sheboygan County has submitted a project development application requesting \$13,860 to assist in improving certain elements of the 21-acre prairie within Maywood Park in the City of Sheboygan.

If awarded the grant, the Environmental Park Trust would plan to use the funds to complete the following in their project area: Restore abandoned berms along the southern edge of the prairie and plant trees to replace Emerald Ash Borer infected ash trees while diversifying property buffers, burn and replant areas within the prairie to replace invasive species and build habitat brush piles with the non-reproductive parts of the invasive plants, develop a seasonal snowshoe trail, and finally, add several Aldo-Leopold-style benches and 20 new kestrel nest boxes within the restoration area.

Based on the application, which was scored and tied for 2nd place with an average staff score of 27/58, staff proposes that the PRAE Committee recommend funding in the partial amount of \$13,267 contingent upon obtaining the required 50% or more match. Partial funding is recommended since the application guidelines dictate that employee labor should not be funded using grant dollars. Listed below are the pros and cons of the project that staff developed.

Pros Cons

- Habitat improvement is in line with Stewardship Program goals
- **Education elements**
- Large restoration project, not just invasive species treatment

Prairie burn could fall into a type of maintenance activity

To view the Sheboygan County Outdoor Recreation & Open Space Plan, visit sheboygancounty.com and navigate to the Planning & Conservation Department's page.

Qualifying Questions

Proposals not qualifying in this section will not move forward in the grant selection process.

Applicant:						
Municipality/organization: Environmental Park Trust of						
501(c)(3) non-profit organization	APR 2 9 2021					
Town, Village, or City in Sheboygan County	PLANNING & CONSERVATION					
Other governmental agency						
In what manner is this project consistent with the Sheboygan County Outdoor Recreation & Open Space Plan? Project has been identified in the Plan and its boundaries are entirely within the Plan Project has partially been identified and/or buffers a project identified in the Plan Project fits the intent of one or more of the goals of the Plan This project is not identified in the Plan, but is identified in the following local, state, or federal plan:						
Project development						
Real estate acquisition						
Discretionary (explain):						

Please complete this form and attach to the front of the application packet.

Attachment A - Applicant and Project Information

Applicant Information

7 to block to the trial to the							
Municipality / organization <u>Environmental Park Trust of Sheboygan County</u>							
Contact person / title SAMANTHA LAMMERS / PARK DIRECTOR							
Address 3615 MUELLER RD							
City, state, zip code SHEBOYGAN, WI 53083							
Phone number (920) 459-3906							
Fax number N/A							
Email Samontha lammers @ Shebayganwi.gov							
Organization website gomaywood.org							
Project Information							
Project location: SHEBOIGAN Township Range 1/4 1/4 Section 9							
Project type: Project development Property acquisition (fee title) Property acquisition (easement) Discretionary							
Total project cost (if project development or discretionary): \$ 31,014.00							
Total purchase price (if land acquisition):							
Total grant request (up to 50% of total project cost):							
Ultimate title or easement holder (if land acquisition):							
Brief project description: MaywoodHabitatImprovementProject: (51 acres - 21 a creprourie 30 Parest boundary)							
A multipronged ecosystem restoration approach, trail development interpretal signage, a benches birdhouses provide a comprehensive approach to meeting preservation, recreation, teducation goods for this space.							
I certify that the information in this application and its supporting materials are true and correct to the best of my knowledge.							
SAMANTHA LAMMEDS/PARKDIRECTOR							
Name / Title							
5 Lanmers 4/20/2021							
Signature Date							

	lotal: \$ Stewardship Fund Grant request amount (up			
\$31,014	Total Cost			
\$1,134	Seed: \$30/oz, \$5/Plant, \$36/Lopper, \$100/gal of Garlon, \$40/Applicator Wand	Seed: 16oz, 50 Plants, 4 Loppers, 1 gal Garlon, 4 Applicator Wands	Donated	Invasive Removal/Seed Replant
\$13,200	\$7275/year	2 Years (1/2 prairie each year)	Contracted	Prescribed Burn
\$600	\$12/hr	50 Hours or Labor/Work	Donated	Volunteer Time
\$4,480	\$75/hr Chipper, \$75/hr Dump Truck, \$65/hr Forest Worker	2 employees, 1 dump truck, 1 wood chipper for 2 days	Contracted	City of Sheboygan Involvement
\$6,000	\$6000/Week	1 Team/1 Week of Work	Contracted	WisCorp Ash Tree Removal
\$400	\$50/Bench	8 Benches	Donated	Benches (Aldo Leopold)
\$100	Primer, \$15 Sealer, \$20 Paint	Primer, Topcoat	Donated	Prairie Mural
	\$12.50/Hardboard, \$25 for Framing Materials, \$15	2 Sheets of Hardboard, Framing Materials, Hardware, Paint,		
\$300	\$20/Sign	15 Signs	Donated	Snowshoe Routes/Interpretive Signs
\$300	\$2/Stake	150 Trail Markers	Donated	Snowshoe Routes/ Stake Trail Marks
\$3,000	\$100/Tree	30 Trees	Donated	B & B Trees and Delivery
\$1,000	\$20/Tree	500 Trees	Donated	Tree Planting of Sheb. Co. Trees
\$500	Round up \$50/ Seed \$450	Round up and Seed	Donated	Restore Berms at North End of Prairie
Estimated Total Cost	Component Cost	Quantity and Unit of Measure	Indicate Contract (C), FA, or Donated (D)	Development Project Items
		ations	oject Development Applica	Attachment C – Budget Worksheet for Project Development Applications

Narrative

Project Description

The Ellwood H. May Environmental Park (Maywood) is Sheboygan's largest city park and serves local residents as well as visitors to the area. There are no admission fees or park stickers required to visit the park and use the trails. We strive to offer free and affordable programming that spans all generations and provides age-appropriate learning and volunteer opportunities. Our mission is to foster environmental stewardship through educational and outdoor programs designed to connect our community to the natural world. We meet this mission by providing environmental education programs, community events, and volunteer opportunities. We also raise funds to help improve the park and its trails. The park includes 135-acres with several different habitats. For this grant application we will be focusing on the 21-acre prairie and its surrounding habitats. Since the prairie was initially created from 1984-1989 we have partnered with countless volunteer groups throughout the decades to ensure that we maintain an inclusive, natural area for anyone who visits the park.

Sheboygan County, including Maywood, has a vision. That vision is to offer its residents the best possible system of outdoor recreation and open space sites and activities in a manner which is responsive to the needs of the public, fiscally responsible, and which promotes the preservation and sustainability of the County's outstanding environmental, archeological, historical, and cultural resources. Maywood is a unique combination of old and new, preservation and recreation, and allows for education, outreach, and volunteer activities for generations!

The preservation and restoration of Maywood's prairie is and always will be an ongoing process. In 2021 we have already partnered with Stantec and Wiscorp to remove dead and dying ash trees in areas adjacent to the prairie. Our plan for the Sheboygan County Stewardship Grant is to complete the following projects within our project area: Restore abandoned berms along the southern edge of the prairie, and plant trees to replace EAB infected ash trees while diversifing property buffers. We will then replant areas within prairie to replace invasive species (i.e. sweet clover, etc.) and build habitat brush piles with the non-reproductive parts of the invasives removed from the prairie. As part of this proposal we will also be remove EAB infected ash trees surrounding the prairie and plant these prairie border areas with diverse tree and shrub species.

The recreation component of this proposal includes the development of seasonal snowshoe interpretive trails through non prairie and prairie areas, using fire resistant posts to identify these routes. New murals designed and painted for existing prairie overlook by local students will add an artistic flare for hikers visiting the prairie. New Aldo Leopold-style benches are planned for installation along the prairie trails following the proposed prescribed burns. New kestrel nest boxes will replace the badly weathered and non-functional nest boxes of from a previous decade. As part of our commitment to community engagement in environmental stewardship, we will rebuild our volunteer bluebird monitoring program to strengthen our partnership with the Bluebird Restoration Association of Wisconsin and continue our research in monitoring Eastern Bluebirds. This will be achieved in part by building and installing 20 new nest boxes throughout the prairie. Volunteers will be involved in weekly monitoring throughout the nesting season which will help us gauge the success of habitat restoration efforts.

Recreation uses of the Maywood prairie and its surrounding areas are continuous and year-round. Informal interpretive hikes in the proposed project area are ongoing. Some interpretive hikes have permanent signage, some have seasonal signage and others are just for the public to enjoy their silent sport of choice at their leisure. Formal, guided hikes occur year-round in the prairie project area

and are led by the Park Director, Maywood Trust Staff, as well as Camp Y Koda Staff for education and outreach.

The creation of new seasonal hiking/snowshoe trails within and along the prairie will allow Maywood to accommodate more of winter activities and interest groups. These trails will be marked throughout the winter to keep hikers/snowshoers off of the groomed ski trails.

As our first major comprehensive effort in restoring the prairie and its surrounding area in the past 20 years, Maywood will coordinate City involvement in cutting, chipping and removing of woody material from invasive species, preparing prescribed burn firebreaks, coordinating volunteer help in harvesting prairie seed, preparing soil, planting seed, and planting new trees and shrubs. A major component of this habitat improvement project is to contract for a prescribed burn on two halves of the prairie over two consecutive years. Although a one year prescribed burn of the entire 21 acres of prairie would considerably reduce the cost, it is ecologically better to help insure the success of vital insect populations, nesting birds, and other forms of wildlife by not risking permanent damage to these fauna inhabitants of the prairie which may result by burning the entire acreage at one time.

Summary

Here at Maywood, we believe that you cannot put a price on the value of having a prairie ecosystem on our property. Its ability to continue to foster our educational programs as well as educate the public in Sheboygan County is an invaluable asset to us. We are very grateful for the many volunteers who help us meet our mission. Our organization has a small staff of three people, but thanks to our volunteers who give generously of their time, we accomplish much. In 2019, Over 220 individuals and 5 corporate/organizational volunteer groups gave over 4,500 hours of their time to help us make more nature connections in our community. As our non-profit supports the mission of the City of Sheboygan's largest public park, we work with a broad demographic of the Sheboygan community. In 2019, over 15,000 adults and children participated in our environmental programming, events, and activities at the park. We do not count the number of casual users that visit the park for outdoor recreation, but estimate it around 20,000 each year. There are no admission fees or stickers to access the park and it is open year-round. Features include an Ecology Center with education space, hiking/walking/skiing trails, wildlife viewing areas, an Arboretum, a Hummingbird Garden, and a Rain Garden. The Trust strives to include all generations in meeting our mission. We've partnered with another local non-profit and the local school district in creating our county's first tuition-free nature-based preschool for 4-year olds. The school is located in the Ecology Center. We also offer OWLS (Older, Wiser, Livelier Scholars) that encourages older adults to actively explore and interact with nature. Throughout the year we offer family-friendly events. Many of our programs are free or at a low-cost to make them accessible to the largest economic demographics possible. Some of our current partners, such as WisCORP and Stantec have ALREADY been doing projects (invasive removal, tree protection, native planting) that support our prairie and the surrounding area. We consistently continue to develop more partners and volunteer groups.

In conclusion, a prairie restoration and preservation project at Maywood Park would complement and enhance the work that has been happening for decades. Our collaboration efforts between county, city, state, local, and nonprofit parties, as well as hundreds of eager volunteers gives Maywood an incredible opportunity to give back to the individuals of Sheboygan County. As stated on page 111 of the Sheboygan County Park and Open Space Plan "The Ecology Center, an extensive trail network, and a beautiful setting make Maywood a natural focal point for the environmental programs within Sheboygan County". Let's continue this partnership.

Internal Revenue Service District Director

Department of the Treasury

Date: JUN 0 3 1987

ENVIRONMENTAL PARK TRUST OF SHEBOYGAN COLFTY HOAD MUELLER HOAD SHEBOYGAN, WI 53081

Employer Identification Number: 37-1453449

Case Number: 36712607450

Our Letter Dated: april 17, 1985

Caveat Applies:

This modifies our letter of the above date in which we stated that you would be treated as an organization that is not a private foundation until the expiration of your advance ruling period.

Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Internal Revenue Code because you are an organization of the type described in section 170(b)(1)(A)(Vi). Your exempt status under Code section 501(c)(3) is still in effect.

Grantors and contributors may rely on this determination until the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 170(b)(1)(A)(V) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act that resulted in your loss of such status, or acquired knowledge that the Internal Revenue Service had given notice that you would be removed from classification as a section 170(b)(A)(V) organization.

If the heading of this letter indicates that a caveat applies, the caveat below or on the enclosurs is an integral part of this letter.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

District Director

HAND 509(0)(1)
District Director, Chicago District

Letter 1050(DO) (Rev. 3-8



The City of Sheboygan

April 20, 2021

RE: Letter of Support – Maywood Prairie and Lowland Restoration Project.

Dear Mr. Brault,

This is a letter of support for Ellwood H. May Environmental Park Association's application to restore prairie and diversify areas with abundant ash growth on city property along the Pigeon River Corridor known as Maywood Park.

The City of Sheboygan and Maywood Association have been working with Lakeshore Natural Resource Partnership (LNRP) to restore the Pigeon River environmental corridor from Maywood to the mouth of the Pigeon River. Removing phragmites and other invasive species, along with planting native vegetation have been the focus of the restoration to improve the habitat for all forms of native wildlife while improving access by citizens to enjoy these natural spaces.

Maywood is continuing with this effort following the systematic approach outlined in a new Master Site Plan prepared and completed by Stantec in early 2021. Maywood is addressing their acreage from Mueller Road south to the start of the elevation descent to the Pigeon River to restore the prairie established between 1983 and 1990, diversify those areas with abundant ash growth, establish new seasonal trails for winter use of snowshoers and hikers, and greatly enhance wildlife habitat necessary for birds of prey (i.e. kestrels, red-tailed hawks, great horned owls, barred owls, etc.).

The City intends to support the project by providing staff, equipment and financial support for the project. The proposed activities align with the City's sustainability goals of promoting and raising community awareness of environmental stewardship. We feel these projects will encourage our community to continue to work towards Sheboygan's sustainable future, and we will explore additional opportunities to become involved with implementation.

Joe Kerlin

Superintendent of Parks and Forestry

(920)459-3459

Joe.kerlin@sheboyganwi.gov

Ju Kil

DEPARTMENT OF PUBLIC WORKS ADMINISTRATION

2026 NEW JERSEY AVE. SHEBOYGAN, WI 53081-4790

920/459-3366 FAX 920/459-3443



Stantec Consulting Services Inc. 1165 Scheuring Road, De Pere WI 54115-1001

April 21, 2021

To Sheboygan County Stewardship Grant Review Committee,

Reference: Maywood Environmental Park

Stantec Consulting Services Inc (Stantec) is pleased to provide this letter of support for Maywood Environmental Park's grant application to the Sheboygan County Stewardship program. Stantec provides ecological restoration services for a variety of private and public sector clients and understands the importance of comprehensive invasive species management. Stantec has been an active partner in planning and performing restoration services within the Pigeon River corridor, including work on Maywood property. Restoration activities have included invasive control, native tree and shrub planting and native seeding.

Stantec understands Maywood is continuing with this effort, following the systematic approach outlined in a new Master Site Plan prepared and completed by Stantec in early 2021. Maywood is addressing the recommended acreage from Mueller Road south to the start of the elevation descent to the Pigeon River to restore the prairie established between 1983 and 1990, diversify those areas with abundant ash growth, establish new seasonal trails for winter use of snowshoers and hikers, and greatly enhance wildlife habitat necessary for birds of prey (i.e. kestrels, red-tailed hawks, great horned owls, barred owls, etc.).

The work performed to date has been an important first step in this long-term effort to improve this wonderful Pigeon River resource. Even though previous restoration efforts have resulted in the return of many forms of wildlife over the past 20 years, there are many species that will likely make this corridor and Maywood home with the additional enhancements proposed. Stantec strongly supports funding this project.

Thank you for considering.

Regards,

STANTEC CONSULTING SERVICES INC.

Melissa Curran Botanist

Phone: (920) 841-1072

Melissa Curran

Melissa.curran@stantec.com



April 12th, 2020

Sheboygan County Stewardship Fund

ATTN: Selection Committee

RE: Maywood's restoration proposal for Pigeon River corridor

Officers

Rolf Johnson – President Eric Fowle – Vice President Cathy Pabich – Secretary Karl Klessig – Treasurer

Board Members

Carl Giessel
Jon Gumtow
Susan Kennedy
DuWayne Klessig
Mary Koczan
Katie Krouse
Sara Schuetze
Christina Studebaker
Tom Ward

Dear Selection Committee:

As Director of Projects at the Lakeshore Natural Resource Partnership (LNRP), I am writing to strongly support Maywood's proposal to mitigate the impacts of the Emerald Ash Borer and restore portions of the Pigeon River corridor.

LNRP is part of a group of public, private, and non-profit partners actively working to restore fish and wildlife habitat within approximately 550 acres along a 3.4-mile stretch of the Pigeon River and estuary, extending from the Lake Michigan shoreline west to Interstate 43 in the City of Sheboygan. Beyond Maywood, the collaborative team includes the County, City of Sheboygan, Ozaukee Washington Land Trust, Stantec Consulting Services, the WI DNR, the US Fish and Wildlife Service, and the US Forest Service.

Maywood is continuing with this effort, following the systematic approach outlined in a new Master Site Plan prepared and completed by Stantec in early 2021. Maywood is addressing their acreage from Mueller Road south to the start of the elevation descent to the Pigeon River to restore the prairie established between 1983 and 1990, diversify those areas with abundant ash growth, establish new seasonal trails for winter use of snowshoers and hikers, and greatly enhance wildlife habitat necessary for birds of prey (i.e. kestrels, red-tailed hawks, great horned owls, barred owls, etc.).

The work performed by Stantec, and the US Forest Service, along with support from Lakeshore Natural Resource Partnership has been an important first step in this long-term effort to improve this wonderful Pigeon River resource. Even though previous restoration efforts have resulted in the return of many forms of wildlife over the past 20 years, there are many species that will likely make this corridor and Maywood home with the additional enhancements proposed.

We believe the projects and approach being taken by Maywood will seamlessly expand upon all that has been accomplished to date, and thus support their grant request.

Thank you for considering their proposal.

James Kettler, Director of Projects

OFFICE OF CITY CLERK SHEBOYGAN, WISCONSIN CITY HALL

I hereby certify that this is a true copy of a document from the Common Council proceedings of the City of Sheboygan.

Lawrence Felte

84 Gen. Ord. No.

By Alderman Arpke and Leonhard

Dated September 19. 1983

AN ORDINANCE annexing City owned property from the Town of Sheboygan to the City of Sheboygan located generally south and west of Bus. Hwy. 42 and east of Interstate 43.

THE COMMON COUNCIL OF THE CITY OF SHEBOYGAN DO ORDAIN AS FOLLOWS:

In accordance with Section 66.025 of the Wisconsin Statutes, the following described City owned property in the Town of Sheboygan, Sheboygan County, Wisconsin, is hereby annexed to the City of Sheboygan:

Part of the W½ of Section 9, and part of the NW¼, of the NW¼ of Section 16, T. 15 N., R. 23 E., described as:

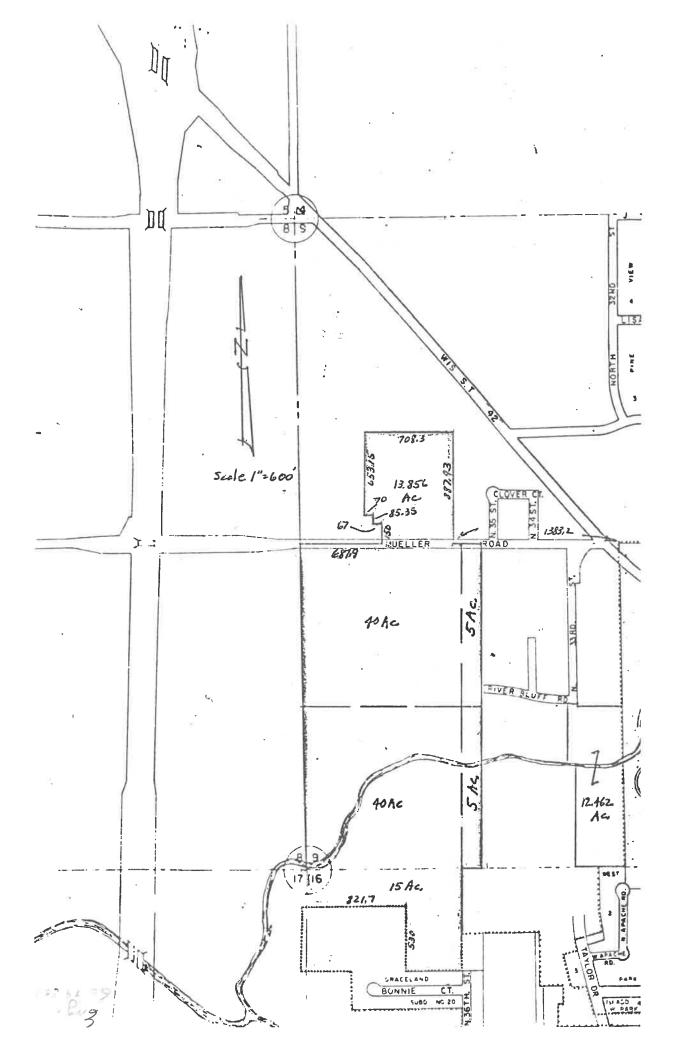
Commencing on the E. and W½ line of Section 9, T. 15 N., R. 23 E., 1383.2' W. of the center of said Section 9, thence N. 0°-40' W., 887.93', thence N. 89°-56' W., 708.3', thence S. 0°-30' E., 653.15', thence S. 89°-57' E., 70', thence S. 0°-30' E., 85.35', thence S. 89°-57' E., 67', thence S. 0°-30' E., 150', to the aforesaid E. and W½ line, thence N. 89°-57' W., along said quarter line, 687.9', more or less, to the W½ corner of said Section 9, thence S., along the W. line of said Section 9, 2640', more or less, to the SW corner of said Section 9. said point being also along the W. line of said Section 9, 2640', more or less, to the SW corner of said Section 9, said point being also the NW corner of Section 16, T. 15 N., R. 23 E., thence S., along the W. line of said Section 16, 366.5', more or less, thence E. 821.7', thence S. 530', thence E. 512.6', more or less, thence E. 821.7', more or less, to the N. line of said Section 16, said line being also the S. line of aforesaid Section 9, thence E., along said S. line 165', more or less, thence N. 2640', more or less, to the E. and Wk line of said Section 9, 1155', more or less, west of the center of said Section 9, thence W., along said E. and Wk line, 226', more or less, to the place of beginning. more or less, to the place of beginning.

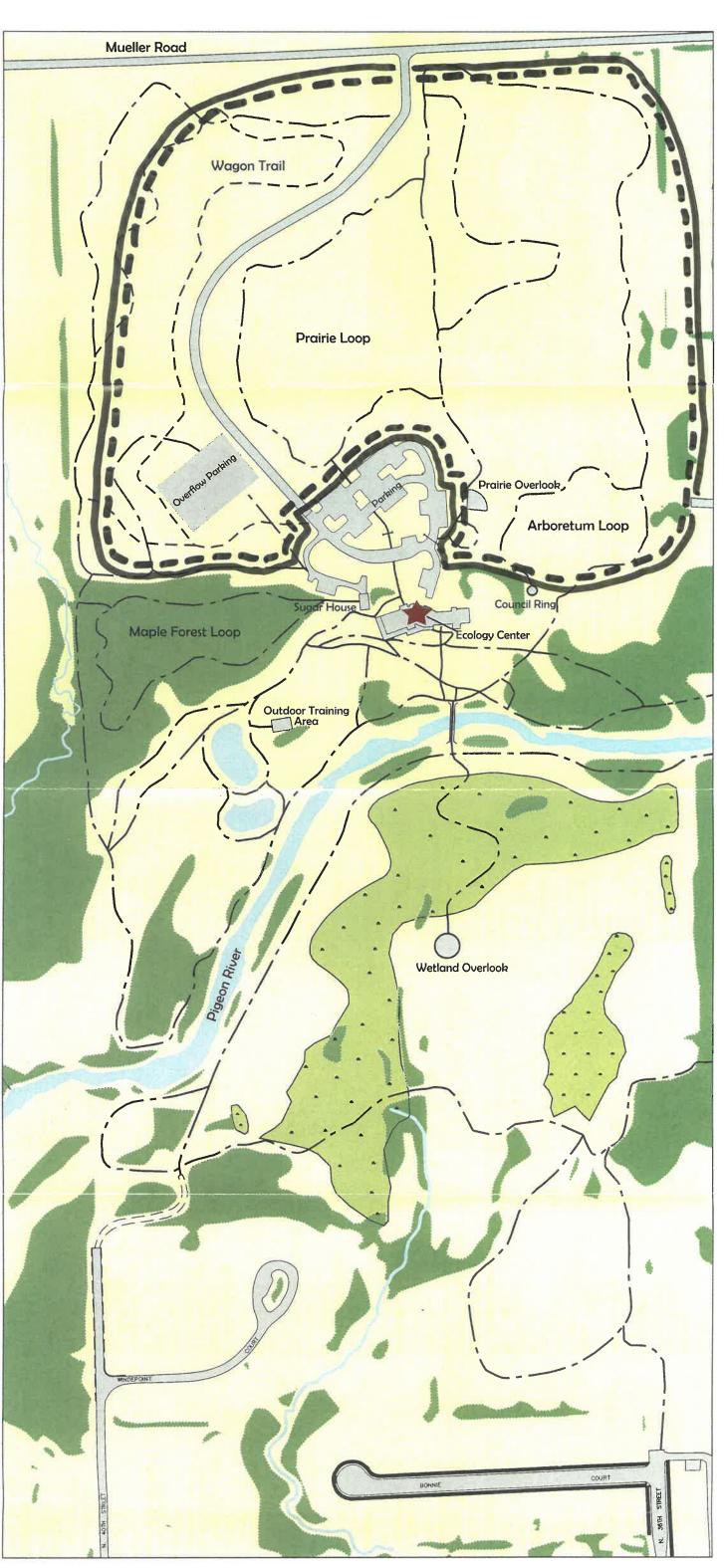
Tract contains 119.0 acres, more or less.

Section 2. All ordinances or parts thereof in conflict with the provisions of this ordinance are hereby repealed to the extent of such conflict, and this ordinance shall be in effect from and after its passage and publication.

I hereby certify that the foregoing ordinance was duly passed by the Common Council of the City Proceedings Published October Ordinances Published -October 28

Certified _ October 28 1983to Atty.; Ord. book; Mun. Code Corp.; Tn. of of Sheboygan Clerk; Supt. of Assessments; Eng.; WI Power & Light; Eng.; Assessor; Fin. Dir./Treas.; Dep. Fin. Dir./Treas. Library; Dept. of City Dev.; Gerald Wehmeyer; Bd. of Parks & Forestry Comm.; R. C. Buttke; Fire Dept.; Kenneth Kornetzke; Water Dept.; Bldg. Insp. Supt.; Health Dept.; R. Otte; Park. & Transit Ut.; Sec. of State; Reg. of Deeds; DPW; R. Reinhardt; Code Book; Property Description Services: Supt. of Streets







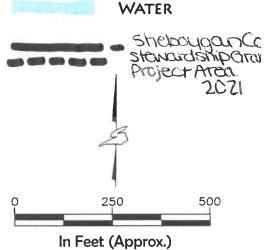
LEGEND

_ - ___ TRAIL

---- WAGON TRAIL



WOODLAND



ELLWOOD H. MAY ENVIRONMENTAL PARK MAYWOOD

3615 Mueller Road Sheboygan, WI 53083

Phone: (920) 459-3906 Maywood@sheboyganwi.gov www.GoMaywood.org

Park / Trail Hours:

6:00 am - 10:00 pm daily No park fees or stickers are required except during special community events.

Ecology Center Hours:

Monday-Friday 9:00 am - 4:00 pm Saturday & Sunday 1:00 pm - 4:00 pm

For more information, please visit our website at www.gomaywood.org

Map created by:

MILLER
ENGINEERS
SCIENTISTS

Maywood Burn

Environmental Park Trust of Sheboygan County

Resolution: Requesting a Sheboygan County Stewardship Fund Grant

BE IT RESOLVED, that the Trustees of the Environmental Park Trust of Sheboygan County headquartered at Maywood, 3615 Mueller Road, Sheboygan, Wisconsin

HEREBY AUTHORIZES Samantha Lammers, Park Director, to act on its behalf to submit an application for financial assistance to the County of Sheboygan under the Sheboygan County Stewardship Fund Grant Program for the acquisition of property or for other qualified conservation and recreation project purposes described below; to sign documents; and to take action necessary to undertake, direct, and complete an approved Sheboygan County Stewardship Fund Grant project Prairie Habitat Improvement.

BE IT FURTHER RESOLVED THAT THE Environmental Park Trust of Sheboygan County recognizes and acknowledges the long-term ownership and management responsibilities (when applicable) associated with this Sheboygan County Stewardship Fund Grant Program, and will meet its obligations under the Stewardship Grant Agreement for the project.

Ado	oted	this	28th	dav	of	April	2021.
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Dicu	ti ii O	20	uuv	\circ	/ \DIII.	404 1.

Printed or typed name: Edward Abell

Title: President

Date: April 28, 2021

Prairie Photos: Sheboygan County Stewardship Grant

Photo #1: Prairie West Side

Photo #2: Prairie Facing North from Prairie Overlook

Photos #3 and #4: Photo of Old Kestrel Box in Prairie, Photo of New Kestrel and Bluebird Boxes

Photos #5 and #6: Photos of 2021 Re-planting in Prairie Adjacent Area

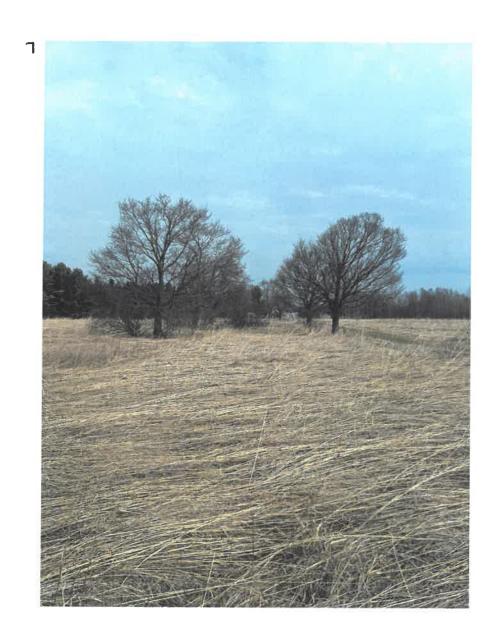
Photo #7: Norway Maples (Old Driveway) in Prairie













Sheboygan County Planning & Conservation Department

Administration Building P: (920) 459-3060

508 New York Avenue P: (920) 459-1370

Sheboygan, WI 53081-4126

F: (920) 459-1371

Director

Aaron C. Brault

E: plancon@sheboygancounty.com

Memo

TO: Planning, Resources, Agriculture & Extension Committee Members

FROM: Tyler Betry

DATE: July 13, 2021

RE: 2021 Stewardship Staff Recommendation: Town of Mosel – Lake Michigan Access

The Town of Mosel has submitted a project development application requesting \$15,232 to assist in improving a little-known public access point to Lake Michigan. The Town plans to make this access point even more accessible, aesthetically pleasing, safer, and more user friendly for the public.

This little-known, unimproved, wedge of land at the end of Rowe Road was set aside through a conditional use permit with Kohler Co. in 1995. Located adjacent to Whistling Straits and with an elevated, scenic view of the lake, the site has much untapped potential as an amenity for visitors. If awarded the grant, the Town plans to utilize the funds to offset the cost of creating a paved/graded path from the end of Rowe Rd to the top of the bluff. They also intend to add enhancements to the site to draw in more visitors such as a bench, picnic table, signage, and lighting.

Based on the application, which was scored and tied for 2nd place with an average staff score of 27/58, staff proposes that the PRAE Committee recommend funding in the amount \$15,232 contingent upon obtaining the required 50% or more match, obtaining a shoreland zoning permit through our Department, and creating signage identifying the site for visitors on Lakeshore Road. Listed below are the pros and cons of the project that staff developed.

Pros Cons

- Inexpensive project
- Lots of partner support / donated labor
- Enhancing the Town's only access to Lake Michigan

Limited recreation value other than site seeing and access.

To view the Sheboygan County Outdoor Recreation & Open Space Plan, visit sheboygancounty.com and navigate to the Planning & Conservation Department's page.

Qualifying Questions

Proposals not qualifying in this section will not move forward in the grant selection process.

Applicant:							
Municipality/organization:Town of Mosel							
501(c)(3) non-profit organization							
✓ Town, Village, or City in Sheboygan County Other governmental agency							
In what manner is this project consistent with the Sheboygan County Outdoor Recreation & Open Space Plan?							
Project has been identified in the Plan and its boundaries are entirely within the Plan Project has partially been identified and/or buffers a project identified in the Plan Project fits the intent of one or more of the goals of the Plan This project is not identified in the Plan, but is identified in the following local, state, or federal plan:							
Project applies to which of the following categories:							
✓ Project development							
Real estate acquisition							
Discretionary (explain):							

Please complete this form and attach to the front of the application packet.

Attachment A - Applicant and Project Information

Applicant Informat	<u>ion</u>					
Municipality / organization	on Town of	Mosel				
Contact person / title Aa	aron Anger /	Mosel Tow	n Board Ch	airman		
Address W982 County	Road FF					
City, state, zip code She	eboygan, W	I 53083				
Phone number 920-627						
Fax number 920-565-2						
Email chair@moselwi.						
Organization website mo						
	<u>_</u>					
Project Information	<u>)</u>					
Project location: Township Range 1/4 1/4 Section						
	T16N	R23E	SE SW	22		

	_						
Project location:	Project location: Township Range 1/4 1/4 Sec						
,	T16N	R23E	SE SW	22			
Project type:	Project type: Project development Property acquisition (fee title) Property acquisition (easement) Discretionary						
Total project cost (if p	roject develop	ment or discr	etionary):		\$		
Total purchase price (if land acquisition): \$ n/a							
Total grant request (up to 50% of total project cost):							
Ultimate title or easement holder (if land acquisition): n/a							
Brief project description: This project will improve a very rough and little known public							
access to Lake Mich	access to Lake Michigan, making it far more accessible, aesthetically pleasing, safer,						
and more user friendly.							
I certify that the information in this application and its supporting materials are true and correct to the best of my knowledge.							
Aaron Anger / Mosel	Aaron Anger / Mosel Town Board Chairman						
Name / Title							
Signature — Date							

Attachment C – Budget Worksheet for Project Development Applications

Development Project Items (list by individual item or break down by use areas) (include donated materials and/or time)	Indicate Contract (C), Force Account (F), or Donated (D)	Quantity and unit of measure	Component Cost	Estimated total item cost	
Paved, graded path (475' from end of Rowe Rd to top of bluff) Includes excavation, installation of gravel,	F	Lump sum		\$18,500	
compacting, fine grading, and paving					
Lighting (solar)	F	3	\$2,400	\$7,200	
Bench	D	1	\$350	\$350	
Picnic table	D	1	\$650	\$650	
Cianaga	F	5	\$185	ФО2 Б	
Signage	Г	3	ψ103	\$925 	
Decorative plantings	D	Lump sum		\$2,500	
Bike rack	F	1	\$300	\$340	
("Wave" style with 3 loops for up to 5 bikes)					
			Total:	\$ 30,465	
Stewardship Fund Grant request amount (50% of total):					

Make photocopies for additional pages if necessary.

Attachment D – Narrative Outline

All Sheboygan County Stewardship Fund Grant proposals <u>must include</u> a stand-alone narrative that includes a summary describing how the proposal is consistent with the Sheboygan County Outdoor Recreation & Open Space Plan and other relevant plans. Applicants can refer to the Rating & Ranking Guidelines and Forms, beginning on page 15, for guidance. The form of the narrative can follow the factors as they are outlined in the Rating and Ranking Forms specifically (see below for guidance); the applicant is welcome to write independently and without the guidance of the Forms, although the narrative must be presented in a complete, structured format.

The narrative should not exceed 5 pages.

A clear, concise narrative will improve the applicant's probability of being awarded a Stewardship Fund grant. Proposals can also include additional documentation that supports and enhances the narrative.

Form A (all project types)

Introduction

Natural resources: water Natural resources: land Community cooperation Density standards

Form B (project development)

Form C (land acquisition)

Introduction
Planning factors
Recreation
Management factors
Economic factors
Cooperative factors

Introduction
Project availability
Economic factors
Management factors
Planning factors

Natural resources factors Cooperative factors

Recreation

Sheboygan County Planning & Conservation Department staff is not responsible for researching various local, State, and/or Federal plans in which the project may be identified. It is the responsibility of the applicant to include this information in the proposal in order to receive points for those items.

If you would like a copy of a past successful Stewardship Fund Grant application, please contact 920-459-3060 or tyler.betry@sheboygancounty.com.

~ PROJECT NARRATIVE ~

Improvement of Rowe Road Public Access to Lake Michigan

Introduction

The Town of Mosel is blessed with over six miles of scenic Lake Michigan shoreline. Although other coastal communities in the County have attractive and accessible public access to the lake, the only access in Mosel is a little-known, unimproved, partly inaccessible wedge of land at the end of Rowe Road that was set aside through a conditional use permit with Kohler Co. in 1995.



Located adjacent to Whistling Straits and with an elevated, scenic view of the lake, the site has much untapped potential as an amenity for residents and visitors alike.

To help turn this potential into reality, this grant application is requesting funds to offset the cost of 1) constructing a safe and accessible path, and 2) installing enhancements such as a bench, picnic table, parking, signage, and lighting.

Natural Resources – Water

Lying within the Sevenmile and Silver Creek-Frontal Lake Michigan Watershed, the project site slopes toward Lake Michigan and includes about 300 feet of lake frontage.

The entire site is within the Sheboygan County shoreland zoning jurisdiction and will be subject to the permit requirements of Chapter 72 Shoreland Ordinance.

Lake Michigan has been identified as a 303(d) impaired waterbody in Sheboygan County. The lake is also discussed at length in the *Sheboygan County Outdoor Recreation & Open Space Plan*.

Identified as "Parks and Recreation" on the Future Land Use Plan (Map 1) in the *Town of Mosel Comprehensive Plan 2009 – 2029*, the site and this proposal is consistent with the Plan and its subsequent addendum (10-year update).

Natural Resources - Land

According to the *Soil Survey of Sheboygan County, Wisconsin,* the strip of shoreline along the site consists of Ry–Rough broken land soils, which are typically found on lake banks, riverbanks, and escarpments. It is well drained, with slopes 20 to 45 percent. This land is mostly reddish brown silty clay loam or clay loam glacial till and "is best used as wildlife sanctuary."

Moving inland to the west and up the bluff, one encounters MsA, the aptly named Mosel loam, 0 to 3 percent slopes, and described as "old glacial lake basins and on till plains."



The part of the site furthest west, where Rowe Road ends and signage, lighting, and minimal parking will be, is Wa–Wasepi sandy loam, 0 to 2 percent slopes. This nearly level soil is on old glacial lake plains and outwash plains. It is best suited for pasture and woodland.

Currently, the site is mostly overgrown brush, grassy bluff, and a berm/strip of woodland between

the site and the shooting range. A 10 - 15 foot wide mowed corridor serves as the path, with a barbwire-topped fence on the north side to separate the site from the golf course. The end of Rowe Road features a small cul-de-sac. There is currently no indication that the site is a public access site, and the entry to the path is obscured by thick brush.

The bluff is about 50 feet tall, offering scenic views of the lake, and appears to be stabilized by vegetative cover on its slope, an underground drainage system, and riprap at the foot of the bluff. Per the Sheboygan County Outdoor Recreation & Open Space Plan, "this area is composed of cohesive glacial till, lacustrine clays, unconsolidated clays, silts, sands, and outwash deposits. The soils in this area tend



to become easily saturated by high groundwater levels. This soil saturation is a major contributor to bluff erosion along the coast. Upon saturation, the soils become heavy, weakening the structure of the bluff. Coupled with the dynamic wave action of Lake Michigan at the base of the bluff area, erosion and slumping is an ongoing hazard that must be continually mitigated through shoreline regulation and erosion control projects."

The photos below were taken in April of 2021 and show recent efforts by Kohler Co. to stabilize and protect the shoreline along Whistling Straits and the Rowe Road public access.





Community Cooperation

The Town's Future Land Use Plan map does not show any potential future land use changes in the neighborhood that would have an adverse impact on the site.

As part of a 1995 conditional use permit, Kohler Co. agreed to provide public access to the beach at this site. Although limited, the access has been provided, and Kohler Co. is supportive of the efforts described in this proposal to enhance the access (see letter of support).

A citizen opinion survey mailed to all Town of Mosel households in 2018 by UW-Extension Sheboygan County included a question about adding more recreational space in the Town. 41% of respondents indicated they would like to see improved Lake Michigan access on Rowe Road (or elsewhere). This was an increase of 8% since a similar question was posed on a 2004 survey. When asked in the 2018 survey what improvements they would like to see at the existing Rowe Road access, "improved pathway" and "picnic area" were the top two responses. This application seeks to address both of these desires.

An on-site meeting was held on October 2, 2018 with representatives from the Town of Mosel, the Sheboygan County Transportation Department, the Sheboygan County Sheriff's Department, The Christopher Farm and Gardens, and the neighboring Sheboygan Rifle and Pistol Club. All parties were supportive of the project.

Following the meeting, the representative from the Rifle and Pistol Club gave a tour of the Club's property and explained how the layout of the shooting ranges, fencing, and landscaping have allowed the Club's activities to safely coexist with the public access site and will continue to do so if enhancements to the access are made. Fencing also separates Whistling Straits from the public access.

Representatives from The Christopher Farm and Gardens offered ideas and their expertise with plantings, landscaping, design, and site planning. They have agreed to donate plantings and labor to help beautify the area around the proposed welcome sign at the end of Rowe Road (see Budget Worksheet and letter of support).

The proposed project is referred to in the Mosel section of the *Sheboygan County Outdoor Recreation and Open Space Plan (2021)*, and the project fulfills a number of objectives, including Objective 1.5: "Develop a park and recreation system that will provide sites with equal accessibility for all." This project will improve accessibility by removing obstructing vegetation and upgrading part of the rough pathway currently on the site.

Density Standards

The Town of Mosel Zoning Ordinance allows for compact residential (single-family and multifamily) and mixed-use development in its RH-1 Rural Hamlet District, with a lot size maximum of 60,000 square feet.

Instead of a Conservation Subdivision Ordinance, the Town's Zoning Ordinance includes a Planned Residential Development option as a conditional use in its R-3 Multi-Family Residential District. A cluster residential development option is available in this district.

The Town's Zoning Ordinance also includes a transfer of development rights option called the Bonus Lot Preservation Plan. Its purpose is to provide an additional way to implement the farmland preservation objectives within the Town of Mosel Comprehensive Plan, as well as the objectives of the Sheboygan County Farmland Preservation Plan. This plan contains an overlay zone that allows the development of lands in specified districts at densities greater than otherwise allowed in order to generate funds from the sale of bonus lots to purchase development rights from willing landowners in the Town's Priority Agricultural Preservation Zone, and to encourage a more economical use of land that is suited to residential development by permitting more intensive use of such lands without changing the overall rural character of the Town.

Planning Factors

The proposed park project is referred to directly in the *Town of Mosel Comprehensive Plan 2009-2029* on page 37, where "more/better parking accommodations, more visibility/signage, and more accessibility in general" were cited by residents when surveyed about the existing access on Rowe Road. This finding was confirmed by a 2018 citizen opinion survey.

Recreation

Passive recreational opportunities will include enjoying the view of Lake Michigan, bird and butterfly watching, and picnicking.

The access site can become more of a "destination" for bicyclists using the paved shoulders on the County's bicycle route along Lakeshore Road. This route passes within a half mile of the access site. This is one of the reasons a new bike rack is included as part of the project.

Management Factors

The Town of Mosel, with assistance from Kohler Co., has the ability to manage the project. Since the site is owned by the Kohler Co., they will continue to be responsible for its management and maintenance. This includes mowing, fence repair, shoreline stabilization, and other needs that may arise. The Town will continue to be responsible for the maintenance of Rowe Road, the new signage, new lighting, the picnic improvements, and the parking area.

Economic Factors

Matching funds and in-kind donations totaling \$15,233 have been assembled by the Town for improving the public access site through this project. The Sheboygan County Transportation Department will be awarded the paving work if the project goes forward. It is certainly possible that some travelers using I-43 might plan a side trip that includes exiting at STH 42 and stopping at the Rowe Road public access for a view of the lake and a peek at Whistling Straits, and a visit to the Haven Bar & Grill or Whistling Straits Restaurant/Pub, before reentering the interstate at the interchange in Cleveland.

Cooperative Factors

The Town of Mosel is benefiting substantially from partnerships:

- Sheboygan County Transportation Department Cost estimates and construction work
- Christopher Farm and Gardens Donation and installation of decorative plantings
- UW-Extension Sheboygan County Grant writing and technical support
- Kohler Co. Providers of lake access via conditional use permit; ongoing maintenance
- Sheboygan Rifle and Pistol Club Steps taken to avoid potential conflicts with public access visitors

There is no current development threat to the project site.





April 16, 2021

Dear Sheboygan County Stewardship Committee,

Whistling Straits is excited to offer this letter of support on behalf of the town of Mosel. Our strong relationship with the town has been in place for many years as we have several large land holdings and businesses within the town, including Whistling Straits with directly abuts the subject property.

For nearly 25 years we have partnered with the town to create lake access for town residents on the property. Our golf course maintenance team regularly maintains the landscape and makes repairs as needed to ensure a safe, accessible, and attractive access point for residents to enjoy. As a company we fully support the town's objectives of improving the quality of lake access for residents, as it is in direct alignment with our company's objectives of creating a gracious and attractive lakefront. We would continue to offer our ongoing landscape and maintenance support to any improvements that the town would make to the area.

If you have any questions related to this letter or our ongoing support of the town's objectives related to this project, please do not hesitate to contact me.

Sincerely,

Dirk Michael Willis

VP – Global Golf, Retail & Landscape

KOHLER Company



April 15, 2021

Mr. Aaron Anger Mosel Township Chairman W982 County Road FF Sheboygan, Wisconsin 53083

I am writing in support of the proposed public access to the Lake Michigan beach area at the eastern end of Rowe Road located between the Sheboygan Gun Club property to the south and the Kohler Whistling Straights Golf Course to the north.

Because of private ownership of most of the land along the Lake there is no public access to the Lake or beach area in the Township. No place to launch a kayak or canoe or have a picnic in a quiet, private setting.

The narrow strip of property at the eastern end of Rowe Road provides easy access to the Lake and with some improvements a place for visitors to park.

I look forward to moving forward on this important public project.

J. W. Christopher Owner, Christopher Farm & Gardens 920-565-2105

CHRISTOPHER FARM & GARDENS
W580 Garton Road
Sheboygan, Wisconsin
www.christopherfarmandgardens.org

Town of Mosel SHEBOYGAN COUNTY, WISCONSIN

RESOLUTION NO. 2021-01

Requesting a Sheboygan County Stewardship Fund Grant

BE IT RESOLVED, that the Town Board of the Town of Mosel headquartered at W982 County Rd FF, Sheboygan, WI, HEREBY AUTHORIZES Chair Aaron Anger to act on behalf to submit an application for financial assistance to the County of Sheboygan under the Sheboygan County Stewardship Fund Grant Program for the acquisition of property or for other qualified conservation and recreation project purposes described below; to sign documents; and to make action necessary to undertake, direct, and complete an approved Sheboygan County Stewardship Fund Grant Project: Improvement of Rowe Road Public Access to Lake Michigan.

BE IF FURTHER RESOLEVED THAT THE <u>Town of Mosel</u> recognizes and acknowledges the long-term ownership and management responsibilities (when applicable) associated with this Sheboygan County Stewardship Fund Grant Program and will meet its obligations under the Stewardship Grant Agreement for the project.

Adopted and approved by the Town Board of Mosel this 21st day of April, 2021.

Aaron Anger, Town Chair

ATTEST:

Carried

Notion:

August Consumptions

EFFECTIVE DATE:

ATTEST:

August Consumptions

Abstentions

~ PROPERTY INFORMATION ~

Improvement of Rowe Road Public Access to Lake Michigan

The site is located on the far south end of parcel #59014-184170, owned by Kohler Co., with a legal description as follows:

PRT GOVT LOT 4, BEING SE SW & PRT OF SW SE, SEC 22, COM AT INTER OF S LN SEC 22 WITH HWM OF LAKE MICH, TH S88 DEG 47'23"W 1046.82'M/L, N0 DEG 10'34"W TO N LN GOVT LOT 4, ELY TO HWM LAKE MICH, TH SLY TO BEG.

The parcel is zoned "A-2 General Agricultural District." The lake public access/park is an allowable use in the A-2 district. There are no known encumbrances that would prohibit or restrict the improvement of the site as proposed.

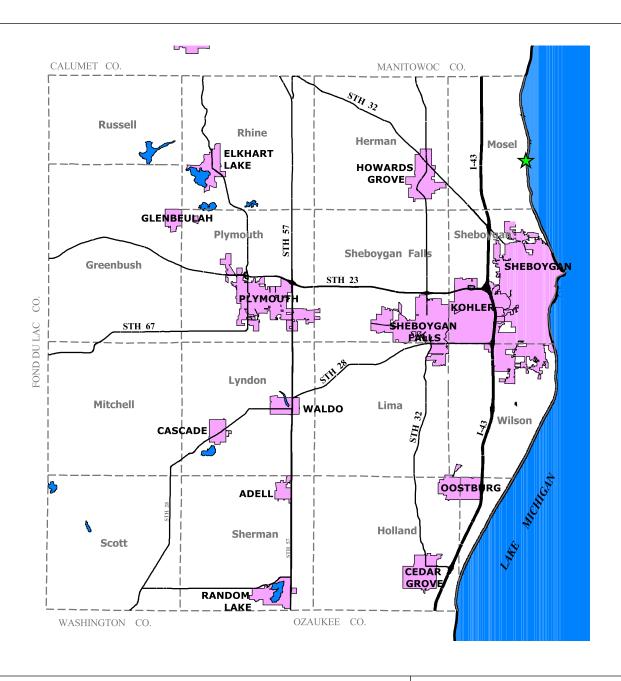
A conditional use permit issued by the Town of Mosel to the owner of the parcel includes the following as one of the conditions of the permit:

"Kohler Company shall provide public access to the beach at the end of Rowe Road, including safe access to the lower beach area."

(A copy of the CUP is included with this application.)

Please see the <u>Natural Resources – Land</u> section of the Project Narrative for information about property characteristics.

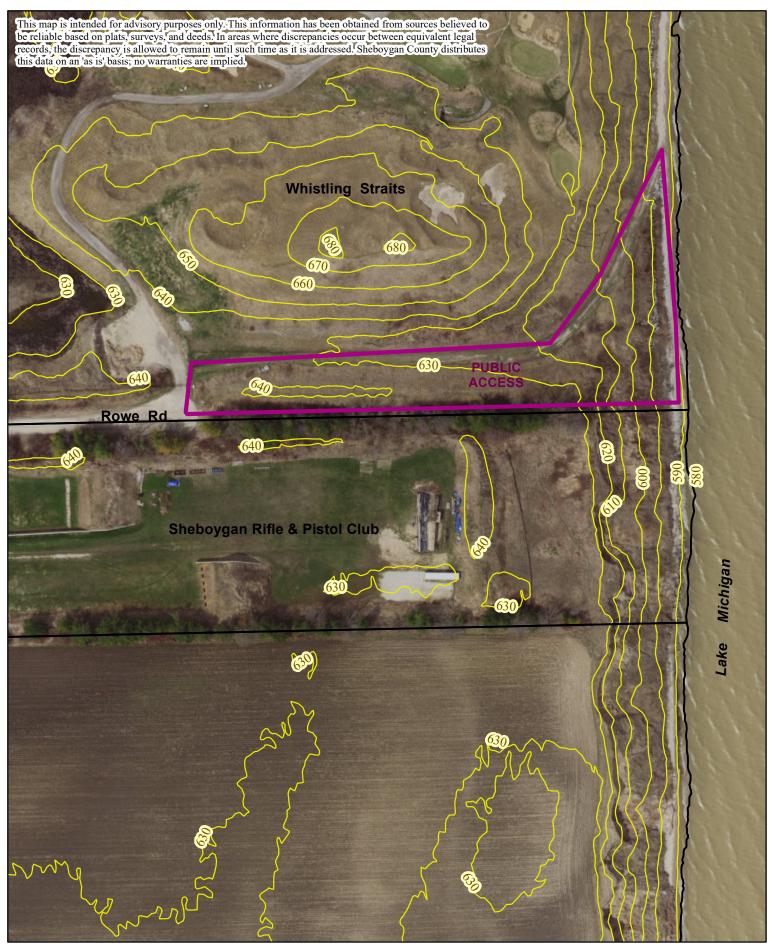
Map of Sheboygan County Location of Rowe Road Public Access





Public Access







ROWE ROAD PUBLIC ACCESS Boundary and Topography

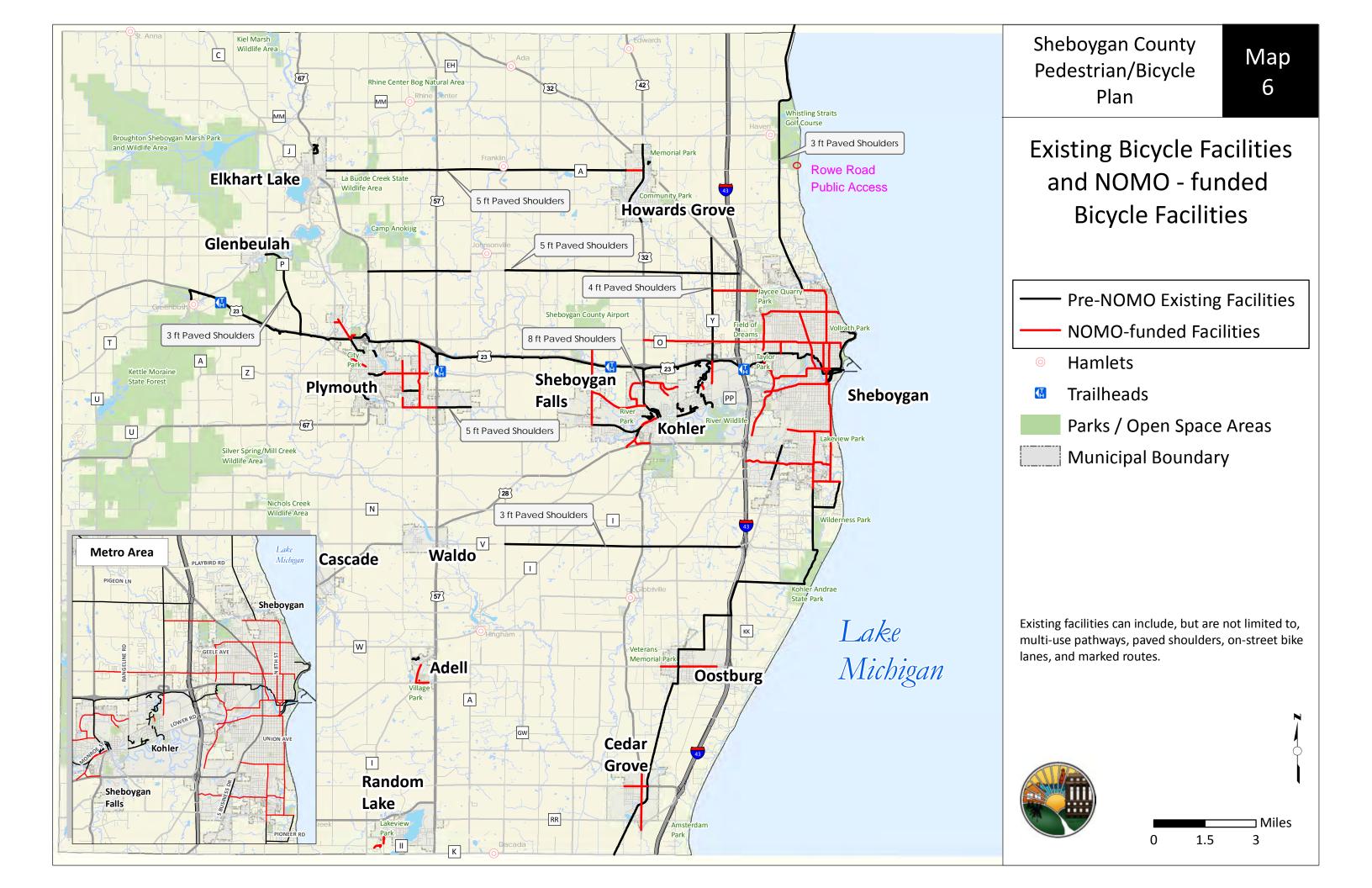


Light
Sign
Sign & Decorative Plantings
Property Boundary

Rowe Road Public Lake Access
SITE PLAN
(Proposed Improvements in Yellow)









c/o Stacy Grunwald, Clerk W1829 Orchard Road Cleveland WI 53015-1716 August 9, 1995

Mr. John Lillesand Senior Vice President Technical Services Kohler Company Kohler WI 53044

Dear Mr. Lillesand:

On Wednesday, July 19, 1995, the Town Board of the Town of Mosel reviewed Kohler Company's Petition for Amendment to Zoning Ordinance, Application for a Conditional Use Permit, and Petition for Approval to Remove Trees and Grade in C-1 District.

The Town Board voted to amend the Town of Mosel Zoning Ordinance to include "golf course" as a conditional use in the A-2 zoning district and to rezone from A-1 to A-2 those properties owned or optioned by Kohler Company and defined as part of the golf course. (See Attachment.)

A Conditional Use Permit was granted to the Kohler Company to construct an 18-hole golf course in the A-2 zoning district with the following conditions:

- The Conditional Use Permit allows construction of only the golf course itself; plans for 1. structures must be approved by the Town Board and a building permit obtained.
- Signage (except signs relating specifically to play of the game of golf), lighting, and parking 2. facilities for the golf course must be approved by the Town Board per the Town of Mosel Zoning Ordinance.
- Construction vehicles shall not use Town roads, with the exception of Dairyland Drive, to 3. access the construction site.
- Kohler Company must test and show the the well(s) for the golf course will not have an 4. adverse effect on other private wells in the Town of Mosel. If during testing and/or operation Town wells are impacted, then Kohler Company shall eliminate the impact or provide an alternate water source for the affected Town residents, including farm operations.
- Kohler Company will provide access to the irrigation pond to be constructed on the golf 5. course for the Haven Fire Fighters as a source of water for fire fighting purposes.

- Kohler Company will stabilize the lake bank along the northern portion of its property near
 the curve in CTH LS where the golf course proper interfaces with the property to the north
 which is not part of the golf course itself.
- Kohler Company will not place any obstructions over the now existing beach area along the Lake Michigan shore which would prohibit or impede passage.
- 8. Kohler Company shall show in recordable form that it has entered into an agreement to provide access to the Testwuide property along the Lake Michigan shore in the event Lake Road is vacated by the Town of Mosel.
- Kohler Company shall provide public access to the beach at the end of Rowe Road, including safe access to the lower beach area.
- 10. Kohler Company will provide access to the mouth of Seven Mile Creek during the smelt fishing season for Town of Mosel residents and immediate family members for the purpose of fishing. Kohler Company will be responsible for monitoring access and may limit the number of people fishing at any time to a reasonable number.
- In the event Kohler Company would like to expand the golf course and/or its related operations, they shall come before the Town Board to review the plans.
- The Conditional Use Permit shall be reviewed two (2) years from the start of operations.

The Town Board approved Kohler Company's request to remove trees and grade in a C-1 District with the condition that tree removal be done at a minimum to aid clean-up of the former Town landfill and for the construction of four (4) golf holes. The impact to the Conservancy area should be minimal.

If you have any questions or need further information, your call or letter will receive a prompt response.

Sincerely,

Stacy Grunwald Town Clerk

Atch: Exhibit A

cc: Attorney Mike Bauer

Whistling Straits

TOWN OF MOSEL CONDITIONAL USE PERMIT SUMMARY

Name:	KOHLER CO., d/b/a WHISTLING STRAITS
Mailing Address:	444 HIGHLAND DRIVE, KOHLER, WI 53044
Telephone:	Jay Hoekstra (457-4441, x-77211), 457-8000, ext. 55031 (Sandy Rabe)
Site Address:	N8501 COUNTY ROAD LS
Date CUP Granted:	JULY 19, 1995
Date Last Reviewed:	MAY 12, 2009
CUP for:	18-HOLE GOLF COURSE

	te Last Reviewed:	MAY 12, 2009						
Ct	P for:	18-HOLE GOLF COURSE						
-								
	nditions:							
1	The conditional use permit allows construction of only the golf course itself; plans for structures must be							
	approved by the Town Bo	pard and a building permit obtained.						
2	Signage (except signs rela	ating specifically to play of the game of golf), lighting, and parking facilities for the golf						
_	course must be approved	by the Town Board per the Town of Mosel Zoning Ordinance						
3	Construction vehicles sha	all not use Town roads, with the exception of Dairyland Drive, to access the						
_	construction site.							
4	Kohler Company must tes	st and show that the well(s) for the golf course will not have an adverse effect on other						
_	private wells in the Town	of Mosel. If during testing and/or operation, Town wells are impacted, then Kohler						
_	Company shall eliminate	the impact or provide an alternate water source for the affected Town residents						
_	including farm operations							
5	Kohler Company will pro	vide access to the irrigation pond to be constructed on the golf course for the Haven						
_	rife righters as a source of	of water for fire fighting purposes.						
6	Kohler company will stabilize the lake bank along the northern portion of its property near the curve in County							
_	Road LS where the golf course proper interfaces with the property to the north which is not part of the golf							
_	course itself.							
7	Kohler Company will not place any obstructions over the now existing beach area along the Lake Michigan shore							
	which would prohibit of it	mpede passage.						
8	Kohler Company shall sho	ow in recordable form that it has entered into an agreement to provide access to the						
-	restwurde property along	the lake Michigan shore in the event Lake Road is vacated by the Town of Mosel						
9	Konier Company shall pro	evide public access to the beach at the end of Rowe Road, including safe access to the						
_	lower beach area.							
10	Kohler Company will prov	vide access to the mouth of Seven Mile Creek during the smelt fishing season for Town						
-	of Mosel residents and imi	mediate family members for the purpose of fishing. Kohler Company will be respon-						
	sible for monitoring access	s and may limit the number of people fishing at any time to a reasonable number						
11	In the event Kohler Company would like to expand the golf course and/or its related operations, they shall come							
	before the Town Board to	review the plans.						
12	The Conditional Use Perm	it shall be reviewed two years from the start of operations.						
13	Construction plans must be	e submitted in the Town on an annual basis starting January 1, 2011 with a lump sum						
\rightarrow	payment for building perm	its.						
\dashv								
-								
1								



Sheboygan County Planning & Conservation Department

Administration Building P: (920) 459-3060

E: plancon@sheboygancounty.com

508 New York Avenue P: (920) 459-1370

Sheboygan, WI 53081-4126

F: (920) 459-1371

Director

Aaron C. Brault

Memo

TO: Sheboygan County Recreational Facilities Management Advisory Committee Members

FROM: Tyler Betry

DATE: June 7, 2021

RE: 2021 Stewardship Staff Recommendation: Elkhart Lake Improvement Association (ELIA) – Elkhart Lake

Basin Watershed Management Plan

The Elkhart Lake Improvement Association (ELIA) has submitted a project development application requesting \$10,000 to assist in creating a watershed management plan (Plan) for the Elkhart Lake basin that provides a framework for management actions that will help improve and maintain water quality in Elkhart Lake.

The purpose of the Plan is to address specific watershed needs and to build a database of existing resources that will be used to guide implementation and management actions throughout the entire watershed. Development of this Plan will provide the framework to improve water quality, public health, and wildlife values. The Plan will also provide expanded recreational opportunities across the Basin and will allow stakeholders the opportunity to secure funds for implementation.

Based on the application, which was scored 3rd with an average staff score of 23/58, staff proposes that the Recreational Facilities Management Advisory Committee recommend funding in the full amount \$10,000 contingent upon obtaining the required 50% or more match. Listed below are the pros and cons of the project that staff developed.

Pros

- Strong local support
- Ask is less than 50% of the total projects
- Private donor funds are being utilized for this project

Cons

- Low scoring
- Implementation of plan not outlined or detailed

To view the Sheboygan County Outdoor Recreation & Open Space Plan, visit sheboygancounty.com and navigate to the Planning & Conservation Department's page.

Qualifying Questions

Proposals not qualifying in this section will not move forward in the grant selection process.

Applicant:
Municipality/organization:
501(c)(3) non-profit organization
Town, Village, or City in Sheboygan County
Other governmental agency
In what manner is this project consistent with the Sheboygan County Outdoor Recreation & Open Space Plan?
Project has been identified in the Plan and its boundaries are entirely within the Plan Project has partially been identified and/or buffers a project identified in the Plan Project fits the intent of one or more of the goals of the Plan
This project is not identified in the Plan, but is identified in the following local, state, or federal plan:
Project applies to which of the following categories:
Project development
Real estate acquisition
Discretionary (explain):

Please complete this form and attach to the front of the application packet.

Attachment A - Applicant and Project Information

Applicant Informati	<u>on</u>					
Municipality / organizatio	Elkhart L	_ake Improv	ement As	SSO	ciation (EL	IA)
Contact person / title						:
Address P.O. Box 72	25					
City, state, zip codeEl		, WI 53020				
Phone number 920-6	98-2480					
Fax number NA						
Emailjohnschott@	icloud.com					
Organization website	keepelkh	artblue.org				
Project Information						
Project location:	Township 16N	Range 21E	1/4 1/4	- 1	Section 29 & 30	
				_		4
ب	Project develo	opment uisition (easen	nent)		Property Discretion	acquisition (fee title)
Total project cost (if pro	Total project cost (if project development or discretionary): \$36,000					\$36,000
Total purchase price (if	land acquisit	ion):				\$0
Total grant request (up	to 50% of to	tal project cos	t):			\$10,000
Ultimate title or easemen	nt holder (if la	nd acquisition	ı):			
Brief project description:	ELIA propos	ed to create a	watershed	ma	nagement pl	an for the Elkhart Lake
basin that provides a framework for management actions that will help improve and maintain water						
quality in Elkhart Lake.						
I certify that the informat best of my knowledge. OHN SCHOTT Name / Title	ion in this ap	plication and i	ts supporti	ng r	materials are	
Signature	iou					29 (4pr 21

Attachment C – Budget Worksheet for Project Development Applications

Development Project Items (list by individual item or break down by use areas) (include donated materials and/or time)	Indicate Contract (C), Force Account (F), or Donated (D)	Quantity and unit of measure	Component Cost	Estimated total item cost
			Total:	\$
Stewardshi	p Fund Grant re	equest amount	(50% of total):	\$

Make photocopies for additional pages if necessary.

FORM A

Introduction: The Elkhart Lake Improvement Association (ELIA) proposes to improve the ecological condition of Elkhart Lake and the surrounding watershed through development of an Elkhart Lake Watershed Management Plan ("Plan") that addresses specific watershed needs and is consistent with a larger County-wide effort to build a database of existing resources that will be used to guide implementation and management actions throughout the entire Sheboygan River watershed. The overall goal of this project is to compile the necessary resources, engage stakeholders and create a watershed-scale plan for the Elkhart Lake watershed that provides a framework for management actions within the Elkhart Lake basin that will help improve and maintain water quality in the Elkhart Lake watershed (Figure 1, the "Basin").

The Plan will expand on existing Aquatic Invasive Species (AIS) management planning, funded by the Wisconsin Department of Natural Resources (WDNR) Surface Water Grants program, by evaluating inputs from surface water runoff within the watershed and their effects on lake water quality. The major components of this project will include data gathering of existing reports, assessments and plans; evaluation of the Village of Elkhart Lake stormwater system; watershed modelling; GIS web mapping; and development of a Plan. Development of this Plan will provide the framework to improve water quality for public health and wildlife values, provide expanded recreational opportunities to local citizens and visitors, and identify and prioritize water quality improvement projects across the Basin and will allow stakeholders the opportunity to secure funds for implementation.

Natural Resources (water): Elkhart Lake is an approximately 292-acre kettle lake that supports passive recreation and a strong fishery. Water quality sampling results from the Citizen Lake Monitoring Network (CLMN) classify Elkhart Lake as mesotrophic, which is defined as containing moderate amounts of nutrients and healthy, diverse populations of aquatic plants, algae, and fish. However, despite good water quality, Elkhart Lake is designated an impaired 303d water by the WDNR for mercury contamination from atmospheric deposition, and lake users are increasingly concerned with maintaining or improving water quality along with continued control of problematic aquatic invasive plant species, which is necessary to maintain public use and property values. ELIA has been active in establishing an AIS control program, which includes a combination of Clean Boat/Clean Water (CBCW) programming and invasive plant removal or control by diver assisted suction harvesting, chemical control and/or hand pulling; however, nutrient inputs that contribute to increased AIS populations have not been addressed.

Commercial and residential development, agricultural land use, and alterations to drainage within the Basin have resulted in increased flood potential and high discharge into Elkhart Lake during storm events. Research and planning will be a collaborative effort between ELIA, the Village of Elkhart Lake, and local landowners to ensure comprehensive data collection and a cooperative community approach toward water quality management. The final Plan will incorporate recommendations for best management practices (BMPs) and project implementation within the Basin that reduce sediment and nutrient loadings from existing land use to improve water quality and protect aquatic habitats that support wildlife and recreational opportunities alike. The resulting erosion control practices, stormwater management improvements, and ecological restoration will help meet Sheboygan County's objective to

"reduce sediment and phosphorus loading from existing urban and developing areas into waterways" (Sheboygan County Comprehensive Outdoor Recreation and Open Space Plan, 2015). Additionally, the Sheboygan River Watershed is located entirely within the Northeast Lakeshore Total Maximum Daily Load (TMDL) study area. Development of this TMDL is already underway, and local watershed plans will soon be necessary to further refine management objectives and meet TMDL loading requirements.

Natural Resources (land): The Basin encompasses approximately 2.7 square miles within Sheboygan County. Agriculture is the predominant land use while woodlands, wetlands, undisturbed non-agricultural uplands, and urban/residential development are also abundant. The northern portion of the watershed is urbanized and incorporated as the Village of Elkhart Lake.

The Basin is located within the Southeast Glacial Plains Ecological Landscape, which consists of glacial till plains and moraines. Historic vegetative cover included a mix of prairie, oak forests and savannas, and maple-basswood forests in additional to several wetland habitats. Current land cover is predominantly agricultural, however small inclusions of remnant native habitat exist within the Basin and provide unique habitat for rare species.

Development of this Plan will help identify stressors from existing land use as well as define opportunities to protect and restore natural areas and the species that depend on them. Additionally, the Plan would focus on management practices that would benefit water quality and offer public access and education.

Community Cooperation: ELIA works to preserve, protect, and enhance the general welfare of Elkhart Lake and the safety of those who use it. They are actively involved in the local community and are committed to building connections throughout the Basin and within the greater Sheboygan River watershed. Throughout the timeline of the project, ELIA will collaborate with a diverse group of stakeholders including, but not limited to the Village of Elkhart Lake, Town of Rhine, Lakeshore Natural Resources Partnership (LNRP), Sheboygan County Planning and Conservation Department, Natural Resources Conservation Service (NRCS), WDNR, landowners, and private consulting firms. ELIA will participate in education and outreach, raising awareness of the importance of the planning process, and implementing water quality improvement projects. This project will leverage financial and technical support from professional organizations, non-profits, and state and federal agencies, which demonstrates this projects importance to the local and regional community.

Density Standards: The Basin spans public and private property across the Village of Elkhart Lake and the Town of Rhine within Sheboygan County. Based on 2018-2019 estimates from the US Census Bureau, the Village population was 1,116 and the Town population was 2,161. Elkhart Lake and natural areas within the Basin are widely used by residents for recreational activities such as non-motorized water sports, boating, swimming, fishing, birding, hiking, and biking. The proposed planning effort will enhance the quality of recreational opportunities within Elkhart lake and across the adjacent public parks and preserves, while enhancing wildlife habitat for the benefits of migrating birds and pollinators and improving water quality downstream.

FORM B

Introduction: The Plan will be a collaborative effort between multiple partners and funding sources. ELIA seeks financial support from Sheboygan County to support baseline data collection and mapping of existing stormwater infrastructure within the Village of Elkhart Lake. Match sources will support watershed modelling and management planning efforts. The final product will be the Plan for the Basin, which will clearly define water quality improvement strategies and identify opportunities for project implementation. Project tasks will include:

- <u>Historical Data Collection</u>: ELIA will develop a detailed historical account of water quality and document watershed (inflow/outflow) characteristics, wildlife habitat, shoreline habitat, land use, rare species and environmental sensitive areas, as well as watershed use and actions taken within the watershed to improve water quality. Site surveys will be performed as needed to assess watershed patterns, wildlife/habitat, shoreline conditions, land use, rare species habitat, and environmentally sensitive areas not addressed in previous reports or available via desktop resources.
- <u>Village of Elkhart Lake Storm Sewer Mapping:</u> ELIA will coordinate with the Village of Elkhart Lake to perform storm sewer mapping within the Village and determine where outfalls exist. A survey map will be produced and kept on record to aid in future infrastructure improvements and Basin planning efforts.
- Modeling: Under separate funding, ELIA will secure all available water quality monitoring data completed within the watershed to create a baseline from which to compare over time. Water quality data will be used as a planning tool for establishing water quality parameters for improvement within the watershed. This data will also be used to calibrate water quality models. ELIA will work with stakeholders to select a water quality model suitable for the goals and objectives of this project. Given the watershed size, available data, and available management measures, suitable models may include the STEP-L model, possibly in combination with a GIS-based Unit Area Loading analysis. The modeling approach will utilize existing and project-specific spatial and hydrologic data to develop a Geographic Information System (GIS) database. Unit Area Load rates for modeled pollutants will be determined from literature review and research, including past regional and state studies, and will be combined with the project GIS to estimate average annual nonpoint pollutant loadings to waterbodies, for common pollutants such as sediment, phosphorus, and heavy metals such as mercury, copper, and zinc.
- <u>Plan Development:</u> Under separate funding, ELIA will work with contracted staff to develop a draft and final version of the Plan addressing the following sections: Introduction; Watershed Overview; Modelling Results; Summary of Threats and Stressors, Goals and Management Objectives, and Management Recommendations and Implementation.
- <u>Stakeholder Engagement:</u> ELIA will organize one stakeholder meeting to discuss the planning approach and management recommendations.

Planning Factors: This project will contribute to and benefit from on-going planning initiatives such as the Sheboygan River Priority Watershed Project and the WDNR Northeast Lakeshore TMDL. Watershed planning is needed to provide a framework for continued management and

implementation of corrective actions to improve water quality and secure other grant-funded opportunities. Additionally, this project aligns with goals and objectives of project plans previously implemented in Elkhart Lake and the greater Sheboygan River watershed. Projects and plans include:

- WDNR Lake Planning Grant 2020 (https://keepelkhartblue.org/wp-content/uploads/2020/05/WDNR-ELIA-Lk-Planning-Grant-Award 5-1-2020.pdf), which expanded water quality sampling in the lake and will result in an updated AIS management plant;
- Elkhart Lake Groundwater Mapping and Monitoring Investigation 2006
 (https://keepelkhartblue.org/wp-content/uploads/2017/10/Report-Elkhart-Lake-Groundwater-Monitoring-2006.pdf), which recommends various action items and investigation to evaluate nutrient inputs within the Elkhart Lake watershed;
- Sheboygan County Land and Water Resource Management Plan 2016-2025 (https://www.sheboygancounty.com/home/showdocument?id=5640), which identifies conservation priorities to improve water quality within Sheboygan County;
- Sheboygan County Comprehensive Outdoor Recreation and Open Space Plan 2015 (https://www.sheboygancounty.com/home/showpublisheddocument?id=9188), which identifies existing recreational opportunities in Elkhart Lake and provides recommendations for additional resources;
- Sheboygan County Comprehensive Land Use Plan 2010-2030
 (https://www.sheboygancounty.com/departments/departments-f-q/planning-and-conservation/comprehensive-plans/sheboygan-county-comprehensive-plan), which recommends: 1) ongoing support and development of programs that address agricultural runoff, farming practice, and shoreline development; 2) preservation of environmental corridors; 3) and enhancing opportunities for low-impact active outdoor recreation including wildlife viewing, walking, and fishing;
- Northeast Lakeshore TMDL (https://dnr.wi.gov/topic/TMDLs/NELakeshore.html), which aims to improve surface water quality of tributaries, streams, rivers, and lakes;
- WI Wildlife Action Plan (http://dnr.wi.gov/topic/wildlifehabitat/actionplan.html), which calls for the protection and conservation of 108 natural community types across the state, including those located within the Elkhart Lake watershed; and
- The Great Lakes Water Quality Agreement (https://www.epa.gov/glwqa), which addresses new provisions for aquatic invasive species and habitat degradation, preventing environmental threats, updating phosphorus targets, and developing water quality and ecosystem health objectives.

Recreation: Outdoor recreation has increasingly become a signature of local communities in Sheboygan County, directing everything from how leisure time is spent to how valuable homes are. The Sheboygan County Comprehensive Outdoor Recreation and Open Space Plan addresses the importance of public, outdoor recreation, and preservation projects to the community and lists goals to ensure these areas are protected and available for the public to enjoy. The Elkhart Lake watershed offers a variety of recreational activities including wildlife watching, hiking, fishing, birding, bicycling, golf, horseback riding, snowmobiling, skiing, camping, picnicking, and water sports.

There is increased demand for outdoor recreation facilities and preservation of open space in this watershed, therefore it is crucial that future planning efforts balance recreation, preservation, and conservation of the area's natural resources that are critical for future generations. The proposed planning initiative is a critical step towards ensuring these areas are prioritized and actions are implemented in the watershed to preserve and protect outdoor recreational opportunities.

Management Factors: ELIA a volunteer-run, member-based non-profit organization and serves as the leading environmental advocate for the Elkhart Lake watershed. They work diligently with community members, local government, and stakeholders within Sheboygan County to initiate water quality projects, community outreach, and boating safety in Elkhart lake. For this project, ELIA will work closely with the Village of Elkhart Lake to map the storm sewer system and gain input on future management activities that may benefit water quality in Elkhart Lake. ELIA will also rely on qualified contractors to collect data, contribute technical information, and draft the Plan.

Economic Factors: The overarching goal of this project is to restore and protect the watershed and sustain healthy fisheries and swimmable waters. The proposed Plan will provide the necessary framework with which to accomplish these goals and will provide the mechanism to secure funds for implementing water quality improvement projects. To provide the necessary financial support for this planning project, ELIA has secured matching funds and will seek additional matching funds from a variety of federal and state agencies, and foundations, including the WDNR. On behalf of ELIA, LNRP secured a WDNR Lake Planning grant which is supporting expanded water quality management and an updated AIS survey and management plan. This additional funding source is detailed as match in the budget form (Attachment C). ELIA will also work closely with Sheboygan County to integrate staff resources where appropriate.

Cooperative Factors: ELIA aims to encourage local stewardship within the Basin through both member support and their cooperative partnerships with local municipal and non-profit organizations to further its mission. Key partners include the Village of Elkhart Lake, Town of Rhine, Elkhart Lake Tourism, Elkhart Lake Chamber of Commerce, Glacial Lakes Conservancy, Wisconsin Lakes Association, LNRP, and Sheboygan County Planning and Conservation. We understand that Sheboygan County recently completed an EVAAL study to identify areas with high erosion potential throughout the County. ELIA intends to coordinate with Sheboygan County to incorporate recommendations from this study into the Plan for Elkhart Lake. Ultimately, the project will be a collaborative effort between the Village of Elkhart Lake and ELIA, with support from consultant partners and Sheboygan County.

Attachment E - Sample Resolution

Requesting a Sheboygan County Stewardship Fund Grant

BE IT RESOLVED, that the	d of Directors		
	oard of Directors	s or other authorized governing	unit)
of theElkhart Lake Improvement	ent Association	(ELIA)	
	(name c	of municipality / organization)	
headquartered atPO Box 725, E	Elkhart Lake, W	1 53020	
HEREBY AUTHORIZESJohn Scho	ott - President E	ELIA	
		(name and title)	
to act on its behalf to submit an appunder the Sheboygan County Steward or for other qualified conservation documents; and to take action necessity Sheboygan County Stewardship Fundaments	ardship Fund Gra and recreation po essary to underta	nt Program for the acquisition o roject purposes described below ake, direct, and complete an app	of property v; to sign
Elkhart Lake Watershed Manag	jement Planninç	g	
(descript	ion of grant prop	osal project)	
BE IT FURTHER RESOLVED THAT TH	Elkhart Lak	ke Improvement Association	
DE II TOMINEM MESOCYED TIME TH		me of municipality / organization	1)
recognizes and acknowledges the lo applicable) associated with this She meet its obligations under the Stew	boygan County S	Stewardship Fund Grant Progran	
Adopted this 26th	day_of	pril	_, 20 <u>21</u>
Authorized signature Printed or typed name President ELIA Title	Action		-
April 26, 2021			
Dutc			-

INTERNAL REVENUE SERVICE P. O. BOX 2508 CINCINNATI. OH 45201

DEC 2 2 2015

Date:

ELKHART LAKE IMPROVEMENT
ASSOCIATION INCORPORATED
602 AUTUMN DRIVE
ELKHART LAKE, WI 53020-0000

Employer Identification Number: 61-1774646 DLN: 26053737002475 Contact Person: CUSTOMER SERVICE ID# 31954 Contact Telephone Number: (877) 829-5500 Accounting Period Ending: December 31 Public Charity Status: 170(b)(1)(A)(vi) Form 990/990-EZ/990-N Required: Effective Date of Exemption: December 1, 2015 Contribution Deductibility: Addendum Applies: Yes

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

ELKHART LAKE IMPROVEMENT

Sincerely,

Jeffrey I. Cooper Director, Exempt Director, Exempt Organizations

Rulings and Agreements

Enclosure: Addendum

ADDENDUM

If you have been in existence for at least three years and you have not filed a Form 990 return or notice for three consecutive years, you may soon receive a letter (Notice CP120A) that we automatically revoked your exempt status, as required by law, for failure to file a return or notice for three consecutive years. This letter will serve to reinstate your exempt status, so you will not need to re-apply. However, you may need to file the appropriate delinquent Forms 990 for all years you have operated as a tax-exempt organization.

Based on the information submitted with your application, we're treating your Form 1023-EZ as an application for reinstatement under Revenue Procedure 2014-11. Your effective date of exemption, as shown in the heading of this letter, is the submission date of your application.



April 26th, 2021

Elkhart Lake Improvement Association

ATTN: John Schott, President

RE: Sheboygan County
Stewardship Fund
application

Officers

Rolf Johnson – President Eric Fowle – Vice President Cathy Pabich – Secretary Karl Klessig – Treasurer

Board Members

Carl Giessel
Jon Gumtow
Susan Kennedy
DuWayne Klessig
Mary Koczan
Katie Krouse
Sara Schuetze
Christina Studebaker
Tom Ward

Dear Mr. Schott,

We understand that the Elkhart Lake Improvement Association (ELIA) intends to apply for a Sheboygan County Stewardship Grant to expand their lake planning efforts within the Elkhart Lake basin. The Lakeshore Natural Resource Partnership (LNRP) strongly supports this grant application, which proposes data collection efforts that include stormwater mapping - in partnership with the Village of Elkhart Lake — and modelling, that will contribute to a watershed management plan and help define best management practices and opportunities for water quality improvement projects within the Elkhart Lake watershed.

LNRP is actively involved in several watershed planning and water quality improvement initiatives throughout the Sheboygan River watershed, in Sheboygan County. In 2020, LNRP secured a Wisconsin Department of Natural Resources (WDNR) Surface Water Grant to expand surface water sampling in Elkhart Lake. This effort is ongoing and will help identify potential surface water inputs and their relationship to water quality and aquatic invasive species (AIS) in the lake. This data will help support the watershed planning effort proposed under this grant application.

LNRP strongly supports ELIA's efforts to improve the ecological health of Elkhart Lake.

Sincerely,

James Kettler, Director of Projects

Jones Kuto



April 29, 2021

Attention: Mr. John Schott, President Elkhart Lake Improvement Association P.O. Box 725

Elkhart Lake, WI 53020

Dear Mr. Schott,

Stantec Consulting Services, Inc (Stantec) is pleased to provide this letter in support of Elkhart Lake Improvement Association's (ELIA) Sheboygan County Stewardship Grant application to expand their lake planning efforts within the Elkhart Lake basin. Stantec provides lake planning and ecological restoration services for a variety of private and public sector clients and understands the importance of comprehensive planning to implement water quality improvement projects.

Stantec is currently supporting ELIA's surface water sampling efforts under a Wisconsin Department of Natural Resources (WDNR) Surface Water Grant, which will help identify potential surface water inputs and their relationship to water quality and aquatic invasive species (AIS) in the lake. This data will help support the watershed planning effort proposed under this grant application. Stantec's team of professional ecological specialists and engineers will continue to assist ELIA with planning, education and outreach, and water quality monitoring efforts in support of this project.

Stantec strongly supports ELIA's efforts to improve the ecological health of Elkhart Lake.

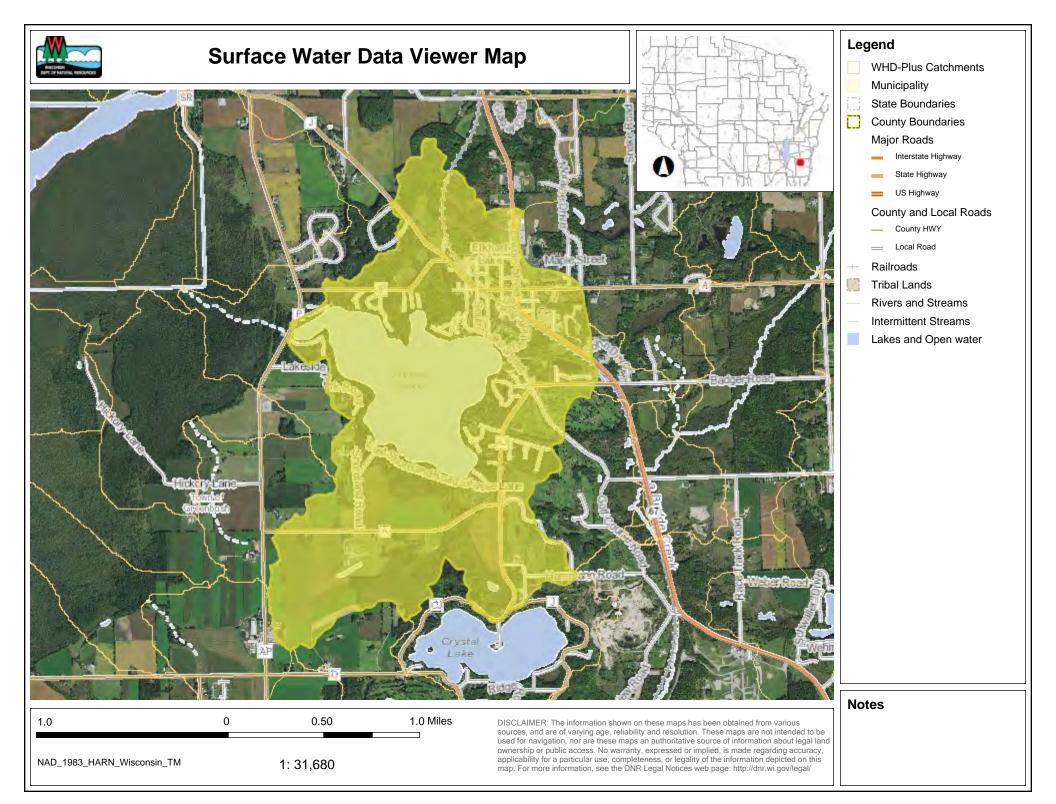
Thank you for considering this project.

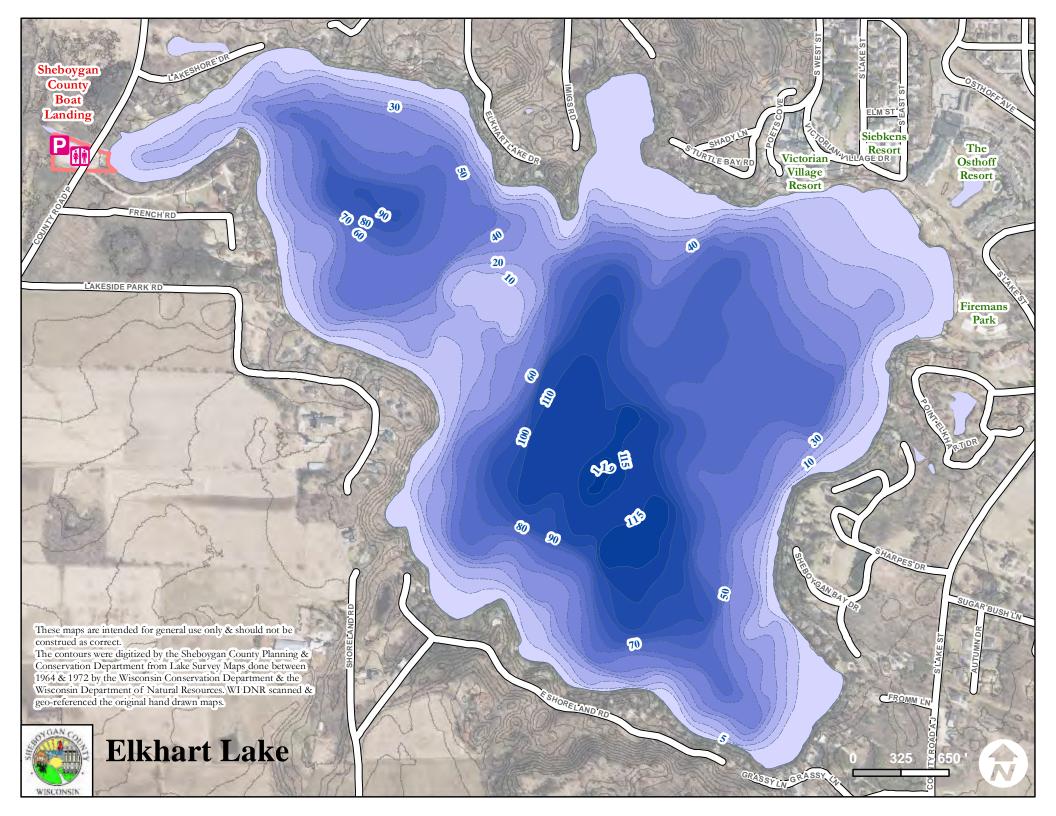
Regards,

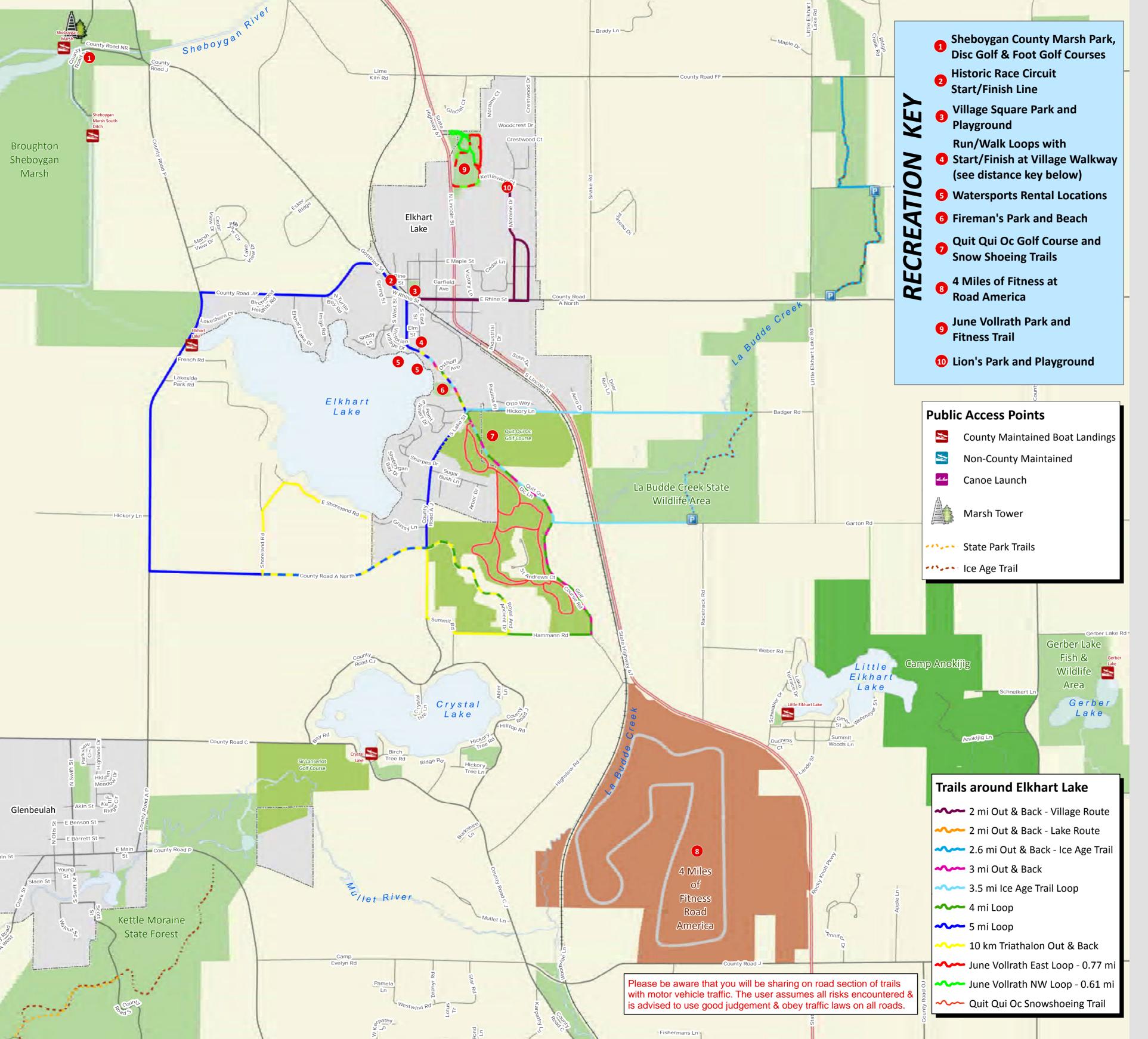
Stantec Consulting Services Inc.

Sarah Majerus PWS

Environmental Scientist Phone: 920-627-3183 Sarah.Majerus@stantec.com









Elkahart Lake's naturally beautiful environment cultivates healthy living. Its crystal clear spring-fed, 293 acre lake is a watersport-lovers paradise. Swimming, paddling and fishing are popular leisure activities. Close proximity to the Kettle Alorene State Forest and its glacially formed hills and valleys make it a popular formed hills and valleys make it a popular destination for hikers, bikers, cross country abliance and specification for hisers.

HIKUSTISKE MISCONSIN'S

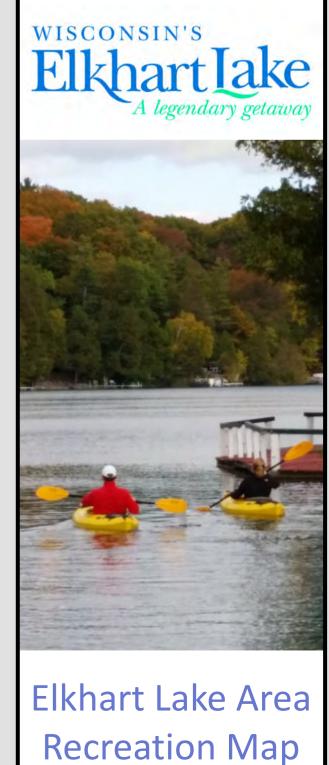




Photo 1. Aerial view of northeast shoreline of Elkhart Lake. This portion of the watershed is located within the Village of Elkhart Lake and is composed of residential and commercial land uses.

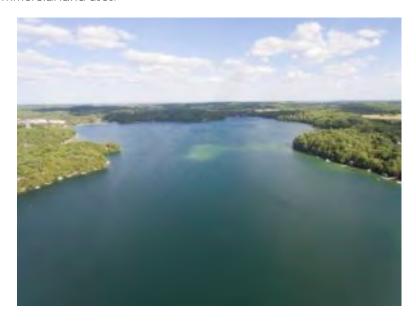


Photo 2. Aerial view the west half of Elkhart Lake. This portion of the watershed is located within the Town of Rhine and is composed of residential and agricultural land use.



VILLAGE OF ELKHART LAKE

Elkhart Lake, Wisconsin 53020

April 26, 2021

Attention: Mr. John Schott, President Elkhart Lake Improvement Association P.O. Box 725 Elkhart Lake, WI 53020

Dear Mr. Schott,

We understand that the Elkhart Lake Improvement Association (ELIA) intends to apply for a Sheboygan County Stewardship Grant to expand lake planning efforts within the Elkhart Lake basin. The Village of Elkhart Lake supports this grant application, which proposes data collection efforts that include stormwater mapping within the Village of Elkhart Lake, in addition to watershed modelling, and development of a watershed management plan that will help define best management practices and opportunities for water quality improvement projects within the Elkhart Lake watershed.

The Village of Elkhart Lake takes an active role in preserving water quality in Elkhart Lake through local shoreland, floodplain, and wetland ordinances. Additionally, protection of area lakes, rivers, streams and groundwater is identified as a priority in the Village of Elkhart Lake 20-year Comprehensive Plan. The Village has a long-standing relationship with ELIA in support of this common goal.

The Village of Elkhart Lake looks forward to working with ELIA on this project and strongly supports ELIA's efforts to improve the ecological health of Elkhart Lake.

Sincerely.

Richard Sadiq, President

Village of Elkhart Lake



Sheboygan County Planning & Conservation Department

Administration Building P: (920) 459-3060

508 New York Avenue P: (920) 459-1370

Sheboygan, WI 53081-4126 F: (920) 459-1371

> Director Aaron C. Brault

E: plancon@sheboygancounty.com

Memo

TO: Planning, Resources, Agriculture & Extension Committee Members

FROM: Tyler Betry

DATE: July 13, 2021

RE: 2021 Stewardship Staff Recommendation: Sheboygan County Humane Society – Public Dog Park Project

The Sheboygan County Humane Society (HSSC) has submitted a project development application requesting \$45,000 to assist in creating a 3.5-acre dog park that is open to the public and open 24/7. The site of the proposed dog park is located on the north side of the City of Sheboygan on a 6.2-acre parcel on N 21st Street. This parcel was donated to the Humane Society in order to build a new 20,000 sq. ft. facility along with the 3.5-acre dog park. HSSC is asking for funds to help cover a portion of the costs for fencing, pathways, and lighting for the dog park.

The park will include a retention pond that will be utilized for the dogs to swim in and a trail system. There will be ample space for people and their animals to exercise through walking, running, and playing. This gives dogs, adults and children an opportunity to connect and large spaces for their animals to run off leash and free.

Based on the application, which was scored last with an average staff score of 22/58, staff proposes that the PRAE Committee recommend funding in the partial amount of \$19,907 contingent upon obtaining the required 50% or more match. Although, this project scored last out of the other applicants, staff believe it's still a worthwhile project and meets the goals outlined within the Stewardship Grant Program. The recommended funding amount computes to just over 6% of the total estimated project cost to build the park. Listed below are the pros and cons of the project that staff developed.

Pros Cons

- Transforms an underutilized area to something with a higher and better use.
- Asking for much less than 50% of total project cost.
- There seems to be a need for a dog park on the north side of Sheboygan
- Property was donated

- Scored poor in the environmental portion of the ranking/rating sheet
- Ask not detailed

To view the Sheboygan County Outdoor Recreation & Open Space Plan, visit sheboygan county.com and navigate to the Planning & Conservation Department's page.

Qualifying Questions

Proposals not qualifying in this section will not move forward in the grant selection process.

Applicant:
Municipality/organization: Sheboygen County Humane Society
501(c)(3) non-profit organization
Town, Village, or City in Sheboygan County
Other governmental agency
In what manner is this project consistent with the Sheboygan County Outdoor Recreation & Open Space Plan?
Project has been identified in the Plan and its boundaries are entirely within the Plan Project has partially been identified and/or buffers a project identified in the Plan Project fits the intent of one or more of the goals of the Plan This project is not identified in the Plan, but is identified in the following local, state, or federal plan:
Project applies to which of the following categories:
Project development
Real estate acquisition
Discretionary (explain):

Please complete this form and attach to the front of the application packet.

Attachment A - Applicant and Project Information

Applicant Information

Municipality / organization <u>Sheboygan County Humane Society, Inc. DBA – Humane Society of Sheboygan County, Inc.</u>						<u>of</u>
Contact person / titleLaura Berchem – Executive Director						
Address 3107 N 20th Street						-
City, state, zip code Sheboy	gan, WI 53083					_
Phone number <u>920-458-20</u>	12 x 113					_
Fax number <u>920-208-2204</u>						_
Email LauraB@scadopt.org						
Organization website <u>https</u>	://adoptsheboygan	county.org				_
Project location:	Township	Range	1/4	1/4	Section	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	15N	23 E	40	160	10	
Project type:	Project developm Property acquisiti			Propert Discreti	y acquisition (fe	ee title)
Total project cost (if projec	t development or d	iscretionary):		Ş	312,300	
Total purchase price (if land acquisition) \$ 0.00						
Total grant request (up to 50% of total project cost):						
Ultimate title or easement holder (if land acquisition): N/A						
Brief project description: HHSC Public Dog Park – A 3.5-acre dog park owned and maintained by the						
Humane Society of Sheboygan County. This fenced-in dog park will be open 24 hours a day to all						
residents of Sheboygan County year-round. HSSC is asking for assistance in covering the cost of the						
fencing, pathways and lighting for the project.						
I certify that the information best of my knowledge.	in this application	and its support	ing mat	erials are	true and corre	ct to the
Laura Berchem – Executive	Director					5
Name / Title 04/30/2021						
Signature				Date	130/202	(

HSSC Dog Park - Budget

Development Project Items (list by individual	Indicate: Contract			
item or break down by use areas) (Include	(C), Force Account	Quantity and Unit of	Component	Estimated Total
donated materials and/or time)	(F), or Donated (D)	Measure	Cost	Item Cost
		470' of vinyl coated		
		fencing, 915' of		
		galvanized fencing & (9)		
Fencing	c	gates		\$41,980
	C/D (\$3,000 in-kind	23 light poles, fixtures &		
Lighting	donation)	conduit	\$2,726 each	\$62,700
Gravel Base for Pathways	D			\$5,000
Surveying & Engineering Dog Park	D			\$14,260
Rustic Pathways	С	1500'		\$26,240
Wooden Pathways	С			\$25,000
Wooden Pathways - Labor (hopefully donated)	D			\$39,000
Grass & Landscaping	С	See Attached Plan		\$50,000
Excavation	С			\$50,000
Wash Stations & Water Fountain	C			\$10,000
Misc Items - Benches, Dog cleanup stations,				
garbage cans, dog agility equipment, signage,				
etc.	С			\$30,000
		3 Camera's - electrical &		
Technology & Security	С	hookup	\$1,000 each	\$3,000
Land - 1/2 of land donated specific to Dog Park	D			\$64,800
Total Estimated Project Cost				\$312,300

Attachment D - Narrative Humane Society Sheboygan County, Inc.

Introduction:

The Humane Society of Sheboygan County (HSSC) is currently building a new facility with a 3.5 acre dog park. This project is four years in the making with the facility being scheduled to open in fall of 2021 with the dog park being completed in Spring of 2022. Part of the vision of this project is to have a 3.5 acre off-leash dog park that will be open to the public. This \$300,000 dog park is not funded within our capital campaign for the new facility. Sheboygan County currently does not have a dog park on the North side of Sheboygan and HSSC will provide this vital service to our community. The Muth Family donated 6.2 acres of land to HSSC to build a new 20,000 sq. ft. facility along with the 3.5 acre dog park. HSSC is asking for funds to help with funding to cover part of the costs for fencing, pathways and lighting.

The Sheboygan County Comprehensive Outdoor Recreation and Open Space Plan is intended to cultivate a quality outdoor recreational experience for both residents and non-residents alike. While Sheboygan County has an abundance of diverse outdoor recreational facilities and opportunities for all ages and season, there are not ample opportunities for pet owners to go to public parks with their animals. Current dog parks in Sheboygan County are limited to one in Sheboygan Falls and two on the South side of the City of Sheboygan. HSSC's location is on the North end of Sheboygan with close access to County Road LS (Haven/Cleveland), Highway 42 (Howards Grove) and Interstate 43. Residents from all parts of Sheboygan County have easy access to this secure, fenced-in dog park 24/7.

The advantages of an off-leash dog park are simple and powerful. Most of Sheboygan's parks are either not pet friendly, or if they are, dogs cannot be off their leashes. Without accessible off-leash dog parks, animals may spend their entire lives on a leash when they are outdoors. Residents that live in apartments rely on public spaces to exercise their animals. An off-leash park allows them to have a safe space for their animal to play, run, exercise, and socialize with other animals. This service provides a place for pet parents to gather and not be walking on busy city streets and infringing on private properties. When dogs are allowed to get ample physical and mental exercise, there is a visible decrease in troublesome behavior. HSSC believes that this dog park will lead to less pet owners surrendering their animals due to unwanted behaviors.

In addition to the dog's mental and physical health, access to a dog park is beneficial to the pet parents as well. Being outside and getting fresh air and exercise are proven to promote good physical and mental health for humans. This location would function as a social center for residents and non-residents that come to our community with their dog(s). For some residents, it may serve as their only opportunity to have contact with fellow human beings. For others, it is an opportunity to meet new people, socialize and connect with fellow dog owners. Covid-19 has been incredibly difficult for everyone. We recognize that there will a be long-lasting impact of the health and wellness of people and their animals due to the events over the past year, as

well as the years to come. Many people relied heavily on their pets to get them through the emotional turmoil that the past year has put them through. People combatted isolation by turning to their pets for companionship. This meant more attention, more walks, and a lot of love. As we start to see some normalcy return, the future will be incredibly difficult on our animals. Our pets have grown accustomed to having us by their sides throughout the day and night. They will not understand why we are gone for 8-10 hours a day again. Having a dog park to go to will give time for our animals to run, play and get their energy out that they bottle up all day long. It also provides a safe place for animals to socialize as they get used to being around other animals and humans again.

HSSC has partnered with the City of Sheboygan's Pet Friendly Task Force that started in 2020. The goal of this committee is to make Sheboygan a more pet friendly community. There are many ideas to make this happen, including a dog park on the North side of Sheboygan. The city is limited on funding and does not currently have a plan/location for a North side dog park. By partnering with Sheboygan County and the City of Sheboygan, we will be able to build a dog park that is not reliant on taxpayer funds for future sustainability. By providing this service to our community through HSSC, this will allow for funding of other much needed areas within our community in future years.

Below are the goals of the Sheboygan County Comprehensive Outdoor Recreation and Open Space Plan along with narrative on how this project fits withing those goals:

• To ensure provision and protection of sufficient parks, recreation facilities, and open areas to satisfy the health, safety, and welfare needs of citizens and visitors, including underserved populations.

Approximately 48% of US citizens own at least one dog. According to the 2020 American Community Survey Census 40% of residents in the City of Sheboygan live in rental properties. Many of these people living in rental properties do not have yards and rely on pet friendly public spaces to exercise and socialize their animals. Sheboygan County is seeing an influx of people moving into the Sheboygan area due to many of the great companies that we have in our community. These new residents are renting apartments and are looking for great public spaces to spend their outdoor time. Having a dog park on the North side allows for people to meet each other and allows for Sheboygan County to showcase another great asset that we have in our community. For people that are looking to move to our community, this will be a great social attraction for our residents—a lit dog park that will be open twenty-four hours a day, seven days a week. This allows for residents that work any shift to utilize the park so that we are fully inclusive of our community workforce. In addition to being a dog friendly park, there will be great walking paths for residents to utilize to enjoy the park even if they are not a dog owner.

HSSC has been working with engineers & scientists to ensure that the pathways built will go through the wetlands on site as well as restoring beauty to the areas that will be developed on the site by planting various trees, bushes & plants. There was a presence of Phragmites; which is an invasive perennial grass that damages the ecosystem, reduces wildlife populations, limits recreational value for birdwatchers/walkers/naturalists and increases the potential for fast spreading fires that can threaten residential and commercial developments in surrounding areas. HSSC worked with Stantec (Melissa Curran – Environmental Scientist/Botanist) to remove the invasive species Phragmites. Ms. Curran also helped to identify the wetland areas and provided HSSC plan to protect those areas and develop a plan to build the park and make the site available to the public. In the wetland area, there is an elevated platform for people and animals to walk through to enjoy the natural vegetation of that area and explore different areas of the park.

• To ensure that the acquisition of park and open spaces lands occurs in coordination with development to provide for reasonable acquisition costs and facilitate site planning for development. Alternative means of reserving lands required for open space should be fully explored to ensure that lands are obtained at the lowest cost to the public.

The most significant cost to this project is the initial development of the park. Upkeep will largely be done by our maintenance staff and volunteers. We feel that this is a great opportunity for youth focused volunteerism at HSSC. We have several sources of income (adoptions, SNAP, TNR, retail store, donations, grants) and feels confident that the upkeep will be covered within those sources of income. Granting HSSC funding towards this project is fiscally responsible, as the Humane Society will be assuming responsibility for all future maintenance of the dog park. If this park were to be built by the city or the county, there would be long-term costs involved with care and upkeep of the property.

• To promote the involvement and cooperation of all of the County's communities in park and recreation planning and development.

We are also excited for potential that this park has to involve residents of Sheboygan County. We are hoping to work with the high schools on involving students in helping to build parts of the park, as well as an option for students and adults to volunteer on an ongoing basis. For students that are looking to get scholarships, or to just get involved in their community, it can be difficult to find volunteer opportunities for minors. We are looking forward to embracing these students to get involved in our dog park, along with daily and weekly tasks in our new building. These opportunities are key in hands-on student learning. Through this opportunity, students will learn leadership and social skills, animal care, business management and organizational skills. The possibilities are limitless.

HSSC has developed partnerships with multiple organizations within Sheboygan County to help with the development of this new facility and dog park.

- Asphalt Pavement City of Sheboygan Labor
- Asphalt Matierial Discounted by Sheboygan County
- o Gravel base for pathways in park Material donated by Sheboygan County
- Pathways, Electrical & Fencing Have an anonymous donor willing to match up to \$45,000 of the cost of this work.
- o Civil Engineering Plans for park Wagner Excavating
- Dog Park Lighting Specht Electric and Tactic Lighting are giving an in-kind material donation of \$3,000 towards labor & \$12,000 for material from Tactic Lighting.
- Landscaping Numerous landscaping companies offing in-kind donations/labor.
 Otter Creek Landscape & Garden Center/Scottie's Landscaping/more pending.
- Ongoing Sponsorship opportunities for local and out of town residents for pavers, benches, trees & additional landscape options to memorialize pets, loved ones, business & more.
- In-kind material and labor for diving platform Anonymous
- Concrete pending site concrete labor donations.
- Pending grant for 60-80k from Sheboygan Service Club
- Property donation from Muth Family \$129,600

• To develop tools to protect open space.

- Adding a fenced-in dog park to the Sheboygan County community aligns with the vision to offer our residents the best possible system of outdoor recreation and open space sites and activities in a manner which is responsive to the needs of the public, fiscally responsible, and which promotes the preservation and sustainability of the County's outstanding environmental, archeological, historical, and cultural resources. We feel that there is a need for a great space such as this and are excited to revitalizing an existing space that is currently unused to be a beautiful park that will not only keep its current wetland area, but also to add beautiful landscaping throughout the rest of the 3.5-acres.
- This 3.5-acre park will include a retention pond that will be utilized for the dogs to swim and play with a dock for them to dive off of. There is ample space for people and their animals to exercise through walking, running and playing. This gives dogs, adults and children an opportunity to connect and enjoy the large spaces for their animals to run freely.

Conclusion

We feel that HSSC's plan for the dog park aligns with the goals of the Sheboygan County Stewardship Fund and are seeking \$45,000 to assist in the \$200,000 gap that is currently unfunded with the project. This park will provide a vital service to our community and will be maintained by a private entity that intends to keep up the property and absorb future costs for the property. HSSC was founded in 1964 and has been a rock within our community and consistently has provided a key service through all these years. We look forward to expanding our services in many ways with our new building and dog park and look forward to continuing to serve our community.

Resolution Requesting a Sheboygan County Stewardship Fund Grant

BE IT RESOLVED, that the **Board of Directors**

of the <u>Sheboygan County Humane Society</u>, Inc. (DBA Humane Society of Sheboygan <u>County</u>)

headquartered at 3107 N 20th Street, Sheboygan, WI 53083

HEREBY AUTHORIZES <u>Laura Berchem – Executive Director</u> to act on its behalf to submit an application for financial assistance to the County of Sheboygan under the Sheboygan County Stewardship Fund Grant Program for the acquisition of property or for other qualified conservation and recreation project purposes described below; to sign documents; and to take action necessary to undertake, direct, and complete an approved Sheboygan County Stewardship Fund Grant project:

HSSC Public Dog Park

BE IT FURTHER RESOLVED THAT THE <u>Sheboygan County Humane Society, Inc. (DBA</u> Humane Society of Sheboygan County)

recognizes and acknowledges the long-term ownership and management responsibilities (when applicable) associated with this Sheboygan County Stewardship Fund Grant Program, and will meet its obligations under the Stewardship Grant Agreement for the project.

Adopted this 30th day of April, 2921.
Authorized signature Ster Presion
Printed or typed name Steve Schmitt
Title Board President – Sheboygan County Humane Society, Inc.
Date <u>04/30/2021</u>

Internal Revenue Service

Date: April 20, 2001

Sheboygan County Humane Society 3107 N 20TH St Shebotgan, WI 53083-3912

Department of the Treasury

P. O. Box 2508 Cincinnati, OH 45201

Person to Contact:
Kendall Hilson 31-07340
Customer Service Representative
Toll Free Telephone Number:
8:00 a.m. to 9:30 p.m. EST
877-829-5500
Fax Number:
513-263-3756
Federal Identification Number:
39-1050684

Dear Sir:

This letter is in response to your telephone call April 20, requesting a copy of your organization's determination letter. This letter will take the place of the copy you requested.

Our records indicate that a determination letter issued in April 1964 granted your organization exemption from federal income tax under section 501(c)(3) of the Internal Revenue Code. That letter is still in effect.

Based on information subsequently submitted, we classified your organization as one that is not a private foundation within the meaning of section 509(a) of the Code because it is an organization described in sections 509(a)(1) and 170(b)(1)(A)(vi).

This classification was based on the assumption that your organization's operations would continue as stated in the application. If your organization's sources of support, or its character, method of operations, or purposes have changed, please let us know so we can consider the effect of the change on the exempt status and foundation status of your organization.

Your organization is required to file Form 990, Return of Organization Exempt from Income Tax, only if its gross receipts each year are normally more than \$25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of the organization's annual accounting period. The law imposes a penalty of \$20 a day, up to a maximum of \$10,000, when a return is filed late, unless there is reasonable cause for the delay.

All exempt organizations (unless specifically excluded) are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of \$100 or more paid to each employee during a calendar year. Your organization is not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, these organizations are not automatically exempt from other federal excise taxes.

Donors may deduct contributions to your organization as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to your organization or for its use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.



U. S. TREASURY DEPARTMENT

DETERMINATION LETTER

P. O. Box 1157 - Federal Bldg. Room 610
Broader 2 8600 Extended 1201.

Form 2954 A1R:P1RLM

April 10, 1964

Sheboygan County Bases Seciety, Inc. c/o Registered Agent, Carol Enter 1220 Se. 22nd Street Sheboygan, Wisconsin - 53081

Gentlema:

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Based upon the evidence submitted, it is held that you are sent from Federal income tax as an organization described in section 501(a)(3) of the Internal Revenue Code, as it is shown that you are organized and operated exclusively for the purpose shown above. Any asstions concerning taxes levied under other subtitles of the Code should be submitted to us.

You are not required to file Federal income tax returns so long as you return an exempt status, unless you are subject to the tax on unrelated business income imposs by section 511 of the Code and are required to file Form 990-T for the purpose of reporting urrelated business taxable income. Any changes in your character, purposes or method of operation should be reported immediately to this office for consideration of their effect upon your exempt status. You should also report any change in your name or address. Your liability for filing the annual interestion return, Form 990A, is set forth above. That return, if required, must be filed after the close of your exemutal accounting period indicated above.

Contributions made to you are deductible by donors as provided in action 170 of the Code. Bequesta, legacies, devises, transfers or gifts to or for your use are deductible to Federal estate and gift tax purposes under the provisions of action 2055, 2106 and 2522 of the Code.

You are not liable for the taxes imposed under the Federal Insurance Contributions Act (social to the such act.) unless you file a waiver of examples contributed a provided in such Act. You are not limbs for the tax imposed under the Federal Unemployment Tox Act. Inquiries about the examption continues for social security taxes should be addressed to this office.

This is a determination letter.

Very truly yours

R. J. Halson

District Director

CATE OF EXE

d Use Tax Low pursuant to Section 77.54(9a) of the Wis med ergenization ere cae pt from texetion under the Wisconsin smain Statutes.

Micete is velid until reveked by the Wisconsin Department of Tazation.

Sheboygan County Busane Boolety

River & S. 17th Street

oygan, Wisconsin

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MADIBON 2, SIBCONSIN

You Furnish Your Supplier With the Sales to Your Organisance Are Tau

IMPORTANT,

Milk No sign second 5.



WISCONSIN DEPARTMENT OF REVENUE PO BOX 8902 MADISON, WI 53708-8902

Contact Information:

2135 RIMROCK RD PO BOX 8902 MADISON, WI 53708-8902 ph: 608-266-2776 fax: 608-264-6884 email: DORBusinessTax@revenue.wi.gov website: revenue.wi.gov

Letter ID

L2145722144



SHEBOYGAN COUNTY HUMANE SOCIETY INC 3107 N 20TH ST SHEBOYGAN WI 53083-3912

Wisconsin Business Tax Registration Certificate

Expiration date:

January 31, 2016

Legal/real name:

SHEBOYGAN COUNTY HUMANE SOCIETY INC

- This certificate confirms that you are registered with the Wisconsin Department of Revenue for the tax types shown below.
- This registration certificate is not a seller's permit, and should not be used as proof that you hold a seller's permit.
- You may not transfer this certificate to any other individual or business.

Тах Туре	Account Type	Number
Sales & Use Tax	Sales & Use Tax	456-0000044102-02
Withholding Tax	Withholding Tax	036-0000044102-03

NO. 2101 - 800

Department of Safety and Professional Services The State of Wisconsin

Hereby certifies that

HUMANE SOCIETY-SHEBOYGAN CO

was granted a license to practice as a

CHARITABLE ORGANIZATION

in the State of Wisconsin in accordance with Wisconsin Law

The authority granted herein must be renewed each year by the granting authority. on the 12th day of December in the year 1972 Department of Safety and Professional Services In witness thereof, the State of Misconsin

the seal of the Department of Safety and Professional Services has caused this certificate to be issued under



COMMITTED TO EQUAL OPPORTUNITY IN EMPLOYMENT AND LICENSING DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES

CHARITABLE ORGANIZATION

SHEBOYGAN WI 53083 3107 N 20TH ST SHELTER MANAGER HUMANE SOCIETY-SHEBOYGAN CO

No. 2101-800

UNITED STATES

Expires: 7/31/2014

status of this credential, use "Lookup a License" at dsps.wi.gov. credential specified on the front of this card. To verify the current with the provisions of the Wisconsin Statutes and holds the The person whose name appears on this document has complied

The named person has complied with Wisconsin Statutes and holds the credential

Box 8935, Madison WI 53708-8935 Ch 440.11, Wis Statutes, requires you to notify the Department of a information via the web at dsps.wi.gov or by mail to DSPS at PO



April 27, 2021

Sheboygan County Planning & Conservation Department 508 New York Avenue Sheboygan, WI 53081

Dear Sirs,

I am writing to you to express my support of the Humane Society of Sheboygan County and their efforts to develop a new dog park in our community. Masters Gallery Foods, Inc. is a long time supporter of our Humane Society and their efforts. We have contributed a significant amount to the Capital Campaign for the new shelter and dog park. We hope you will consider supporting them as well through the Stewardship grant program.

Having a new dog park in our county will give families a place to spend quality time together outdoors and they won't have to leave 'Fido' at home. The park will combine two important elements that we have come to appreciate even more over this past year, nature and our pets.

Building a strong community also helps our local businesses recruit new employees to this area, and retain the ones we have. Sheboygan County is already a great place to live and the dog park will make it even better.

Sincerely,

eff Gentine

President & CEO

SHEBOYGAN COUNTY STEWARDSHIP PROGRAM

I would like to ask for your support of the new dog park that we hope will be a great addition to our new Humane Society of Sheboygan County building.

We are close to completing a \$4,000,000 Capital Campaign to support new housing for the thousands of animals who come through our doors each year. HSSC is dedicated to the health and welfare of ANY animal that needs care, we are an open admissions shelter. The public support for this building project has been overwhelmingly enthusiastic and we are grateful.

As an addition to the new building, a public dog park is envisioned but was not part of the Capital Campaign budget. We feel it will be a strong asset not only to HSSC but to the general public and their pets. A dog park on the north side of the city will be used and appreciated by all.

I have been involved with Sheboygan nonprofit organizations for over 40 years and with the Humane Society for the last nine both as a board member and a volunteer dog walker. The shelter dogs are walked, for the most part, in the neighborhood. Everyone in this area has been so accommodating and friendly. It works, but how much nicer it would be for the dogs to have their own space and be free to run in the confines of the park! Dogs learn great socialization skills in that type of environment.

I have used the dog park on the south side of Sheboygan and Sheboygan Falls for my own dog and it's always been a great experience for us. Now we need one on the north side so even more pets and their owners can have that experience. It is great to interact with other dogs and their the owners.

This county is truly gifted with wonderful outdoor public resources. We are hoping for your support for the construction of one more to further enhance our beautiful Sheboygan experience.

Thank you for your consideration, Tricia Reiss

Trucia Russ



July 22, 2014

William P. Te Winkle

David O. Gass Sheboygan County Humane Society

K. Allan Voss Attn: Mr. Steve Schmitt

Anthony J. Resimius 3107 N. 20th St.

R. T. Melzer Sheboygan, WI 53083

Richard L. Binder

Eldon L. Bohrofen Re: Muth Company, LLC / Humane Society (Land Donation)

PINS 5921629000 and 59281629070

Michael J. Vowinkel Beth A. Froelich

Ryan J. Zinkel Dear Steve:

Stephanie E. Malis

Enclosed for your records is the original Warranty Deed recorded on July 16, 2014 by the Sheboygan County Register of Deeds as Document No. 1988959. Also enclosed is the original executed Settlement Statement. You should keep these documents in a safe place with your other important records.

Please let me know if you have any questions.

Sincerely yours,

David Gass

DG/cmc Enclosures

607 N. 8th St.

Ste. 700

Sheboygan, WI

53081-4513

(920) 458-5501

(920) 458-5874 FAX

mail@rohdedales.com

www.rohdedales.com

State Bar of Wisconsin Form 1-2003 WARRANTY DEED

Document Number

Document Name

THIS DEED, made between Muth Company, LLC, a Delaware limited liability company ("Grantor," whether one or more), and Sheboygan County Humane Society, Inc., a Wisconsin non-stock corporation ("Grantee," whether one or more). Grantor, for a valuable consideration, conveys to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Sheboygan County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

See Attached Addendum.

7-14-2014



1988959

SHEBOYGAN COUNTY, WI RECORDED ON 07/16/2014 3:43 PM ELLEN R. SCHLEICHER REGISTER OF DEEDS RECORDING FEE: 30.00 TRANSFER FEE: 388.80 EXEMPTION #

Cashier ID: 2 PAGES: 2

Recording Area

Name and Return Address Attorney David Gass Rohde Dales LLP 607 N. 8th St., Ste. 700 Sheboygan, WI 53081

59281629000 and 59281629070

Parcel Identification Number (PIN)

This is not

homestead property.

(is) (is not)

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes levied on or after January 1, 2014, and special assessments, if any, for work on site actually commenced or levied on or after January 1, 2014, and will warrant and defend the same.

Buted	
	MUTH COMPANY, LLC
	* Kenneth W. Muth, Chairman and CEO of K.W. Muth Company, Inc., Sole Member
AUTHENTICATION	ACKNOWLEDGMENT
Signature(s) Kenneth W. Muth	STATE OF WISCONSIN
authenticated on July , 2014	SHEBOYGAN COUNTY) ss.
*	Personally came before me on July 14th, 2014
TITLE: MEMBER STATE BAR OF WISCONSIN	the above-named Kenneth W. Muth
(If not,authorized by Wis. Stat. § 706.06)	to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.
THIS INSTRUMENT DRAFTED BY:	Myth
Attorney David Gass	Notary Public, State of Wisconsin
Rohde Dales LLP	My Commission (is permanent) (expires:

(Signatures may be authenticated or acknowledged. Both are not necessary.)

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

WARRANTY DEED © 2003 STATE BAR OF WISCONSIN FORM NO. 1-2003

ADDENDUM TO WARRANTY DEED BETWEEN

MUTH COMPANY, LLC (GRANTOR) AND SHEBOYGAN COUNTY HUMANE SOCIETY, INC. (GRANTEE)

LEGAL DESCRIPTION

Parcel 1:

Part of the E1/2 of the SW1/4 of Section 10, Town 15 North, Range 23 East in the City of Sheboygan, Wisconsin, described as: Commencing in the East line of North 21st St. three hundred sixty-nine and ten hundredths (369.10) feet North of the center line of vacated Vollrath Ave.; thence North one hundred twenty-two and seventy-four hundredths (122.74) feet along said East line; thence S. 88°-40' E. seven hundred seventy and ninety-six hundredths (770.96) feet to the Westerly right-of-way line of the C. & N.W. Rlwy. Co. main track; thence S. 17°-20' E. two hundred fifty-seven and eighty-seven hundredths (257.87) feet to a point two hundred sixteen and thirty hundredths (216.30) feet North of the North line of vacated Vollrath Ave; thence N. 88°-44'-30" W. three hundred sixty-eight and seventy-eight hundredths (368.78) feet; thence South two hundred sixteen and thirty-six hundredths (216.36) feet parallel to the East line of North 21st St. to the North line of vacated Vollrath Ave.; thence West thirty (30) feet along said North line to the West line of North 20th St.; thence South thirty (30) feet along said West line to the center line of vacated Vollrath Ave.; thence West thirty (30) feet along said center line; thence North three hundred sixtynine and one tenth (369.1) feet parallel to the East line of North 21st St.; thence N. 88°-44'-30" W. four hundred nineteen (419) feet to the point of beginning.

Tax Key Number 59281629000.

AND

Parcel 2:

Part of the NE1/4 of the SW1/4 of Section 10, Town 15 North, Range 23 East in the City of Sheboygan, Wisconsin, described as commencing at the NW corner of said NE1/4 of the SW1/4; thence S. 01°-35'-20" E. 1011.19 feet along the West line of said NE1/4 of the SW1/4, being the center line of North 21st St.; thence N. 89°-27'-37" E. 33.00 feet to the East line of North 21st St., being the point of beginning; thence N. 89°-27'-37" E. 325.83 feet along the South right of way line of the abandoned Chicago & Northwestern Railway Co. spur track; thence continuing Southeasterly 249.76 feet along the arc of a curve to the right having a radius of 564.69 feet, the chord of which bears S. 77°-52'-08" E. 247.73 feet along said right of way line; thence S. 24°-48'-07" W. 10.00 feet; thence continuing along said right of way Southeasterly 324.21 feet along the arc of a curve having a radius of 564.69 feet, the chord of which bears S. 48°-27'-12" E. 319.62 feet; thence S. 18°-53'-41" E. 21.07 feet; thence S. 89°-27'-37" W. 768.63 feet to the East line of North 21st St.; thence N. 01°-35'-20" W. 297.66 feet along the East line of North 21st St. to the point of beginning; excepting therefrom the North 152.19 feet (measured along the East line of North 21st St.) of the aforedescribed which exception parcel is fully described in Volume 1353 of Records on pages 185-186 as Document Number 1408149.

Tax Key Number 59281629070.

STATEMENT OF REAL ESTATE TRANSACTION

Property Address: Vacant Land, N. 21st St., Sheboygan, Wisconsin

GRANTEE: Sheboygan County Humane Society, Inc.

GRANTOR: Muth Company, LLC

DATE OF CLOSING: July, 2014	DATE	OF	CL	OSIN	G:	July	, 2014
-----------------------------	------	----	----	------	----	------	--------

Value of Donated Real Estate:	\$	129,600.00
Charges to Grantee:	Ψ	127,000.00
Title Work - Owner's policy:	\$	690.00
Transfer Fee:	\$	388.80
Recording Fees - Warranty Deed:	\$	30.00
Attorney Fees:	\$	750.00
BALANCE DUE FROM GRANTEE AT CLOSING:	\$	1,858.80
Charges to Grantor:		\$0.00
TOTAL DUE AT CLOSING:	\$	1,858.80

This statement is accepted as true and correct, as of the Closing Date first listed above.

GRANTEE:

SHEBOYGAN COUNTY HUMAN SOCIETY, INC.

Steve Schmitt, President

GRANTOR:

MUTH COMPANY, LLC

Kenneth W. Muth, Chairman and CEO of K.W. Muth Company, Inc., Sole Member

Disbursements:

Sheboygan County Register of Deeds \$ 418.80
Sheboygan County Abstract Company \$ 690.00
Rohde Dales LLP \$ 750.00
Total \$1,858.80

DONATION AGREEMENT

This Agreement is made this 27 day of June, 2014 by and between Muth Company, LLC, a Delaware limited liability company ("Muth") and the Sheboygan County Humane Society, Inc., a Wisconsin non-stock corporation (the "Society").

RECITALS

Muth owns the real property identified as follows:

Parcel 1:

PIN: 59281629000

Part of the E 1/2 of the SW 1/4 of Section 10, Town 15 North, Range 23 East, described as: Commencing in the east line of North 21st St. three hundred sixty-nine and ten hundredths (369.10) ft. north of the center line of vacated Vollrath Ave., thence north one hundred twenty-two and seventy-four hundredths (122.74) ft. along said east line, thence S. 88° - 40' E. seven hundred seventy and ninety-six hundredths (770.96) ft. to the westerly right-of-way line of the C. & N.W. Rlwy. Co. main track, thence S. 17° - 20' E. two hundred fifty-seven and eighty-seven hundredths (257.87) ft. to a point two hundred sixteen and thirty hundredths (216.30) ft. north of the north line of Vollrath Ave., thence N. 88° - 44' - 30" W. three hundred sixty-eight and seventy-eight hundredths (368.78) ft., thence south two hundred sixteen and thirty-six hundredths (216.36) ft. parallel to the east line of North 21st St. to the north line of Vollrath Ave., thence west thirty (30) ft. along said north line to the west line of North 20th St., thence south thirty (30) ft. along said west line to the center line of vacated Vollrath Ave., thence west thirty (30) ft. along said center line, thence north three hundred sixty-nine and one tenth (369.1) ft, parallel to the east line of North 21st St., thence N. 88° - 44' - 30" W. four hundred nineteen (419) ft. to the point of beginning.

Parcel 2:

PIN: 59281629070

Part of the NE SW of Section 10, Town 15 North, Range 23 East, City of Sheboygan, Sheboygan County, Wisconsin, described as commencing at the NW corner of said NE SW, thence S.01°35′20″E. 1011.19 feet along the West line of said NE SW, being the center line of North 21st Street, thence N.89°27′37″E. 33.00 feet to the East line of North 21st Street, being the point of beginning; thence N.89°27′37″E. 325.83 feet along the South right of way line of the abandoned Chicago & Northwestern Railway Co. spur track, thence continuing Southeasterly 249.76 feet along the arc of a curve to the right having a radius of 564.69 feet, the chord of which bears S.77°52′08″E. 247.73 feet along said right of way line, thence S.24°48′07″W. 10.00 feet, thence continuing along said right of way Southeasterly 324.21 feet along the arc of a curve having a radius of 564.69 feet, the chord of which bears S.48°27′12″E. 319.62 feet, thence S.18°53′41″E. 21.07 feet, thence S.89°27′37″W. 768.63 feet to the East line of North 21st Street, thence N.01°35′20″W. 297.66 feet along the East line of North 21st Street to the point of beginning; excepting therefrom the North 152.19′ of the aforedescribed.

(the Parcels).

Parcel 1 contains 3.78 acres and has a fair market value of \$78,600.

Parcel 2 contains 2.4 acres and has a fair market value of \$51,000.

Muth desires to donate the Parcels to the Society to further the goals and objectives of the Society.

The Society has investigated the proposed donation of the Parcels and has indicated to Muth that it is willing to accept the donation.

NOW, THEREFORE, in consideration of the above recitals and the terms and conditions set forth herein, the parties do agree as follows:

- 1. Parcel Donation. The transfer of the Parcels, if consummated, shall be accomplished by a warranty deed and shall be free and clear of all liens and encumbrances excepting municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, and recorded building and use restrictions and covenants. The parties shall execute all documents necessary to accomplish the transfers.
- 2. <u>Donation Acceptance</u>. The Society will accept the Parcels when donated as set forth in Paragraph 1 above. Attached hereto as **Exhibit A** is a copy of the Society's resolution accepting the proposed donation of the Parcels.
- 3. <u>Cost of Transfer</u>. The Society shall bear the total expenses involved in the transfers of the Parcels as set forth in Paragraph 1 above, including without limitation, title insurance fees, transfer fees, recording fees and applicable attorneys' fees. There also will be no proration of taxes, with the Society assuming the cost of taxes for the year 2014. Muth will pay the remaining second installment of 2013 taxes.
- 4. Naming. Society agrees to install and maintain a sign on the Parcels identifying the Parcels as "Muth Dog Park" and otherwise refer to the Parcels as "Muth Dog Park" in written and electronic communications.
- 5. <u>Sale of Property</u>. After each of the transfers of the Parcels as set forth in Paragraph 1 above, the Society, at its sole discretion, may elect to sell any Parcel. Any proceeds received by the Society from such sale shall be retained by the Society to be used by the Society in its sole discretion.
- 6. "As is" Conveyance. In entering into this Agreement and for any conveyance of the Parcels, the Society understands that Muth is transferring the Parcels with no warranties or representations as to condition or quality, and the Society understands that it is accepting the Parcels "as is," with no warranties or representations of any kind, express or implied, from Muth as to the Parcels or any of the improvements thereon.
- 7. <u>Binding Effect</u>. This agreement shall be binding upon the parties hereto, and their heirs, successors and assigns.

IN WITNESS WHEREOF, the parties hereto have each duly executed and delivered this Agreement as of the date first above.

MUTH COMPANY, LLC

By: Ki

Kenneth W. Muth, Member

SHEBOYGAN CO

E SOCIETY, INC.

Bv:

Steve Schmitt, President

Muth Properties- Donation Costs

Title Insurance Fees		\$690.00
Transfer Fees		\$388.80
Recording Fees		\$30.00
Attorney Fees		\$750.00
2014 Property Taxes	Due 1/31/15	
Parcel #59281629070		\$1,351.66
Parcel #59281629000		\$2,081.30
Phase 1- Miller Engineers & Scientists		\$1,500.00
	Total	\$6,791.76
Land Fair Market Value		
Parcel #59281629070	2.4 Acres	\$51,000.00
Parcel #59281629000	3.78 Acres	\$78,600.00
		\$129,600.00





(https://treasurer.sheboygancounty.com/GCSWebPortal/Search.aspx)(http://www.gcssoftware.com)

Sheboygan County Land Records Web Portal

Sheboygan County Treasurer's Office - 459-3015

The legal descriptions on the tax documents are abbreviated descriptions. Please refer to the original source document for the full legal description. Ten (10) years of tax bills are provided on the Sheboygan County Treasurer's Office web portal.

Tax Year	Prop Type	Parcel Number	Municipality	Property Address	Billing Address
2021 🕶	Real Estate	59281629001	281 - CITY OF SHEBOYGAN	N 21ST ST	SHEBOYGAN COUNTY HUMANE SOCIETY INC 3107 N 20TH ST SHEBOYGAN WI 53083-3912
ax Year Legend:	→ = 0	wes prior year taxes	= not assess	ed sp= not taxe	d Delinquent Current
Property Sur	nmary				
Parcel #:			5928162900	1	
Alt. Parcel #:					
Parcel Status:			Current Des	cription	
Creation Date:			9/11/2019		
Historical Date	9:				
Acres:			5.747		
Area (sq ft):			250321.000		
Droporty Add	100000				
Property Add					
Primary A					
N	21ST ST				

Owners

Name	Status	Ownership Type	Interest
SHEBOYGAN COUNTY HUMANE SOCIETY INC	CURRENT OWNER		
MUTH COMPANY, LLC	FORMER OWNER		
K W MUTH COMPANY INC	FORMER OWNER		

Parent Parcels

Parcel Number 🛦	Creation Date
59281629000	

59281629070

Child Parcels

No Child Parcels were found



(http://www.gcssoftware.com)

Workflow History and Messages

No Flag/Messages were found

Abbreviated Legal Description

(See recorded documents for a complete legal description)

LOT 1 CSM V29 P141-143 DOC #2078544 BEING PRT NE SW & SE SW, SEC 10.

Public Land Survey - Property Descriptions

Primary	Section 🔺	Town	Range	Qtr 40	Qtr 160	Gov Lot	Block/Condo Bldg	Type # Plat
	10	15 N	23 E					NOT AVAILABLE

District

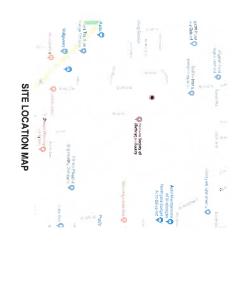
Code 🛦	Description	Category
	LOCAL	OTHER DISTRICT
	SHEBOYGAN COUNTY	OTHER DISTRICT
	STATE OF WISCONSIN	OTHER DISTRICT
5271	SHEBOYGAN SCHOOL	REGULAR SCHOOL
1100	LTC	TECHNICAL COLLEGE

Associated Properties

No Associated properties were found

NEW BUILDING AND DOG PARK

CITY OF SHEBOYGAN, WISCONSIN



	LANDSCAPE PLAN DETAILS AND INFORMATION
14	STORM WATER MANAGEMENT PLAN
13	STORM SEWER PROFILE BASIN OUTLET PIPE AT DOG PARK
12	STORM SEWER PROFILE NORTH AND SOUTH AT BUILDING AREA
<u> </u>	STORM SEWER PLAN - DOG PARK
10	STORM SEWER PLAN - BUILDING AREA
	SANITARY AND WATER SERVICE PLAN / PROFILE
00	DETAIL GRADING - DOG PARK
	DETAIL GRADING - BUILDING AREA
0	GEOMETRY PLAN - DOG PARK
en en	GEOMETRY PLAN - BUILDING AREA
4	OVERALL CONSTRUCTION GRADING AND EROSION CONTROL PLAN
ယ	OVERALL SITE PLAN
2	EXISTING, WETLAND, AND DEMOLITION PLAN
	PROJECT TITLE SHEET
	0.7

	PARKUNG					AREAS				ZONNG: URBAH IND	LOT 1 OF CS SHEBOYGAN	PROPERTY DESCRIPTION:	OWL ENGINEER:	OVANEA	PROPERTY ADDRESS	PROPERTY INFORMATION
PROPOSEO STALLS	REGUIRED STALLS	POST-CONSTRUCTION	PRE-CONSTRUCTION	LAND DISTURBANCE (APPROX)	PROPOSED BUILDING	PARCEL TOTAL (CSM PROPOSED)	PROPOSED LOT SIZE PROPOSED LOT WIDTH	LANDSCAPE SURFACE RATIO %	SUBJECT MAY NETERST STREET IN JOS SETBACK SIDE BLOG SETBACK SIDE BLOG SETBACK SIDE BLOG SETBACK SIDE BLOG SETBACK SIDE WANG SETBACK SOUP WANG SETBACK ODG MANG SETBAC	ZONING: URBAH INDUSTRIAL (UI) DISTRICT	ENEBOYGAN COUNTY, WISCONSIN	PTION:	WAGNER 3437 PAN SHEBOYC ATTN: GR PHONE: Q PHONE: Q	SHEBOYC 3107 N. 2 SHEBOYC ATTN: ST PHONE: Q BMAKL: SL		FORMATION
REQULAR BMPLOYEE HANDICAP BMPLOYEE REQULAR VISITORS: HANDICAP VISITORS TOTAL PROPOSED	REGULAR - 1 PER 1,000 S HANDICAP - 1 / 25 STALLS TOTAL REQUIRED	IMPERVIOUS TOTAL PERVIOUS TOTAL	TATOT SUDIANIMANI	PPROX) 191,160 SF (4.4 ACRES)	20,826 SF	10POSED) 250,321 SF (5.747 ACRES)	3,000 SF MIN 30 FT MIN	RATIO % 10% MIN	00114 4: 50 00114		LOT 1 OF CSM, AND PART OF THE SW114 OF SECTION 10, T1SM, RZIE, CITY OF SHEBOYGAN FALLS, SHEBOYGAN COUNTY, WISCONISM		WAGANER EXCAVATANG, INC. 1437 PARKE MYENUE SHEROYDAN, MY SOOM NTTH CEPAGO 454-9082 EMAIL: GRUGOH-98-9082 EMAIL: GRUGOH-98-908	SHEROYGAN COUNTY HUMANIE SOCIETY, BO SIDD N. 2074 STREET SHEROYGAN, MISCONSIN SORI ATTH: STEPEN SCHMITT, PRESIDENT FROME (2001) 49-0011 BAMIL: SECHMITT & JECHMITT, CO	SHEBOYGAN COUNTY HUMANE SOCIETY, NO 3107 N. 20TH STREET SHEBOYGAN, WISCONSIN 53081	
REGULAR BAPLOYEE ***NADIZAP BAPK CYFE! ***FEGULAR VISITORS J DOG PARK ***SANDIZAP VISITORE ***TOTAL PROPOSED	REGULAR - 1 PER 1,000 SF OF BUILDING MINDICAP - 1 / 25 STALLS TOTAL REQUIRED	LOLAT	DIAL	ACRES		747 ACRES)	250	W85	0E84 4.59 8.59 8.59 7.70 7.70 8.45 8.45 8.17 12.49 18.00		, RZIE, CITY OF SHEBOY		ATRIGING DOM	CIETY, NC	ICIETY, NO	
2: STALLS 1 STALLS 40 STALLS 2 STALLS 64 STALLS	G 27 STALLS 1 STALL 22 STALLS	79,881 SF, 42% 111,259 SF, 58%	48,000 SF, 25%				250,321 SF (5,747 ACRES) 270	•	DESIGNA 4 497 8 85 90 77 227 77 227 77 227 77 227 77 227 77 227 77 227 77 227 78 25 78 2		GAN FALLS,					

3

PROJECT TITLE SHEET

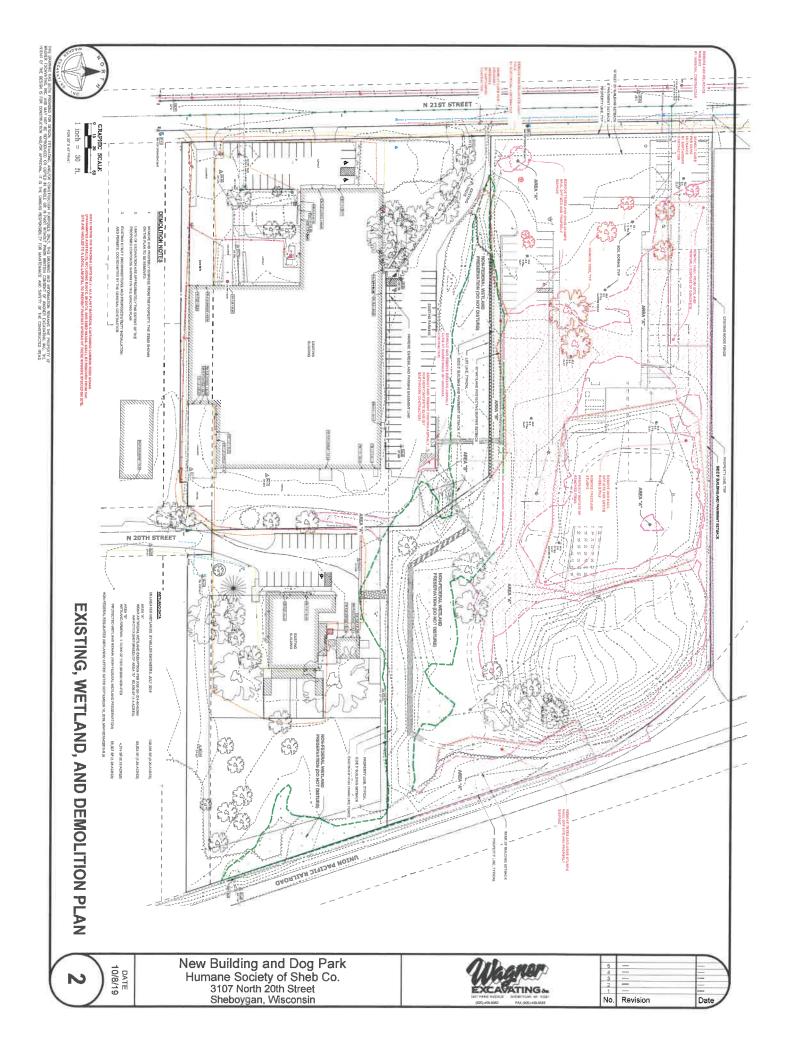


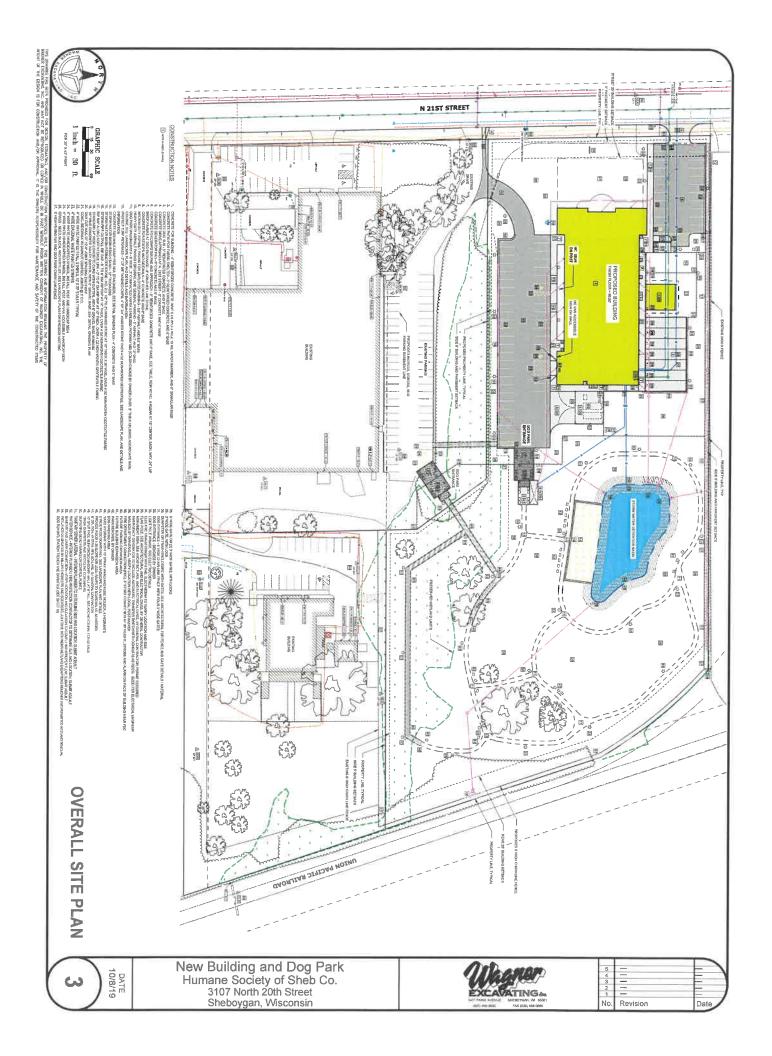
New Building and Dog Park Humane Society of Sheb Co. 3107 North 20th Street Sheboygan, Wisconsin

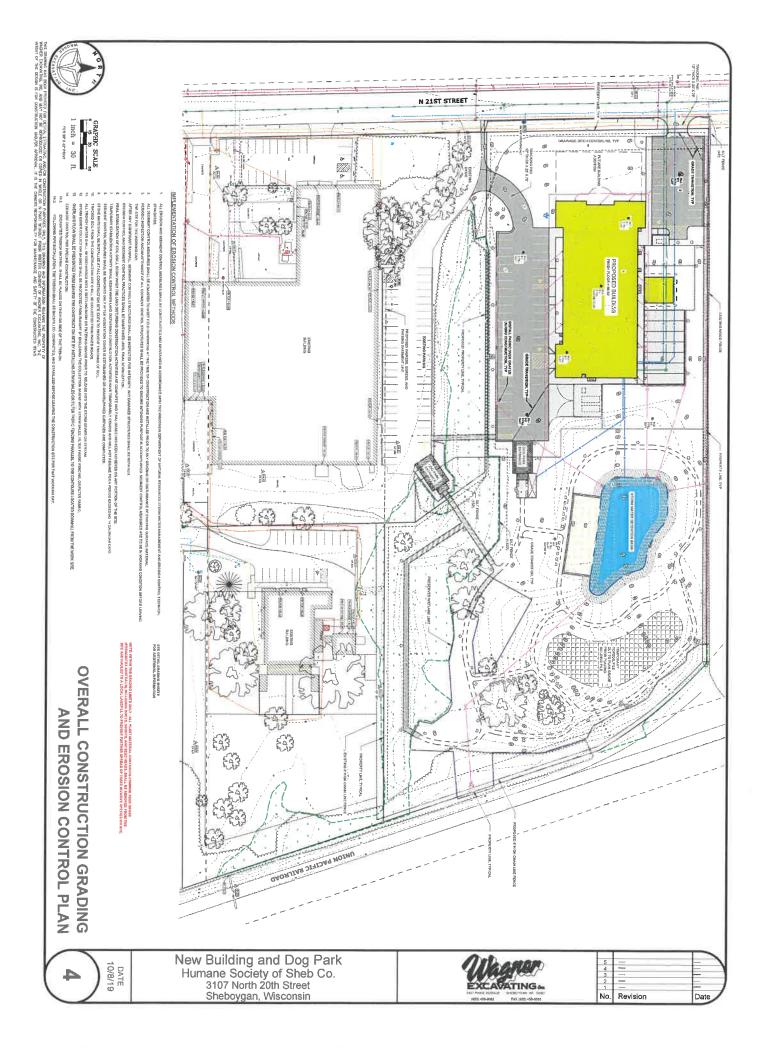




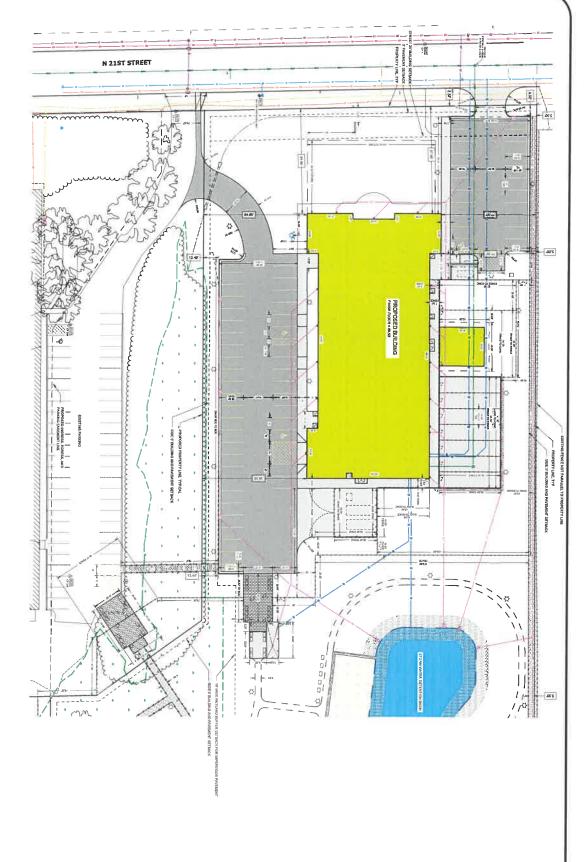
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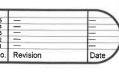




GEOMETRY PLAN BUILDING AREA

> New Building and Dog Park Humane Society of Sheb Co. 3107 North 20th Street Sheboygan, Wisconsin DATE 10/8/19

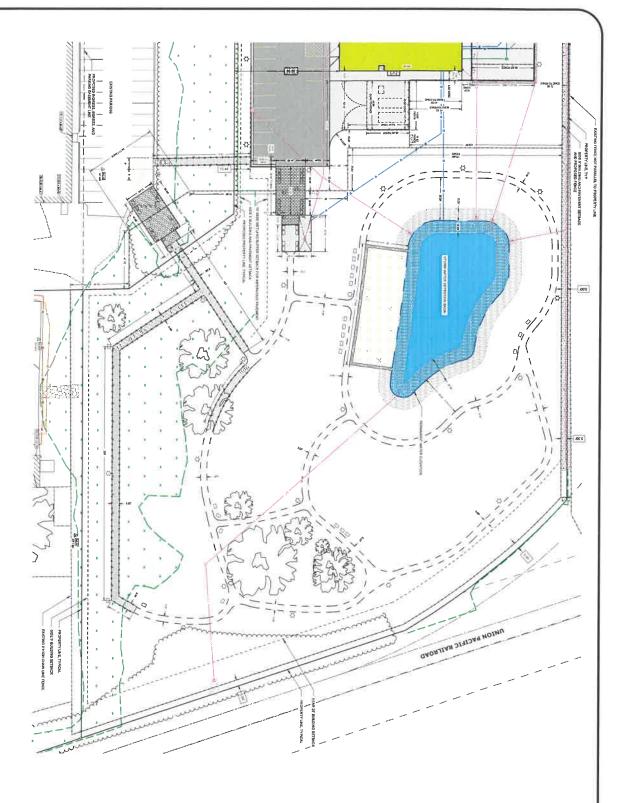




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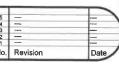


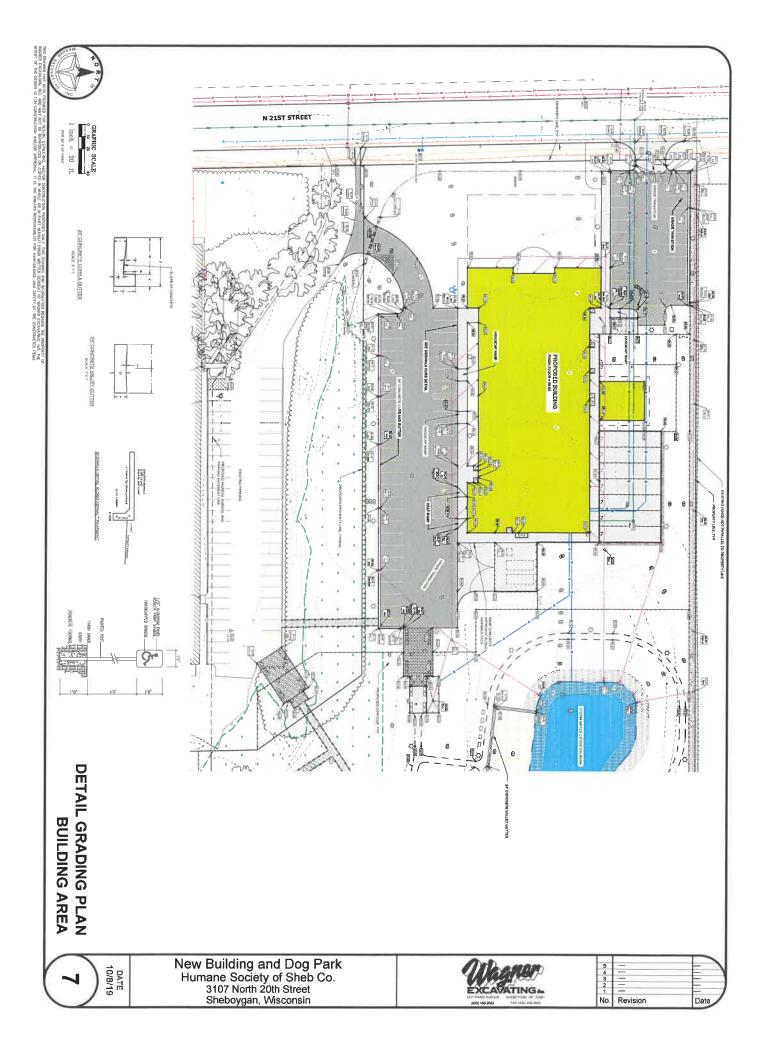


GEOMETRY PLAN
DOG PARK

DATE 10/8/19

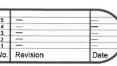


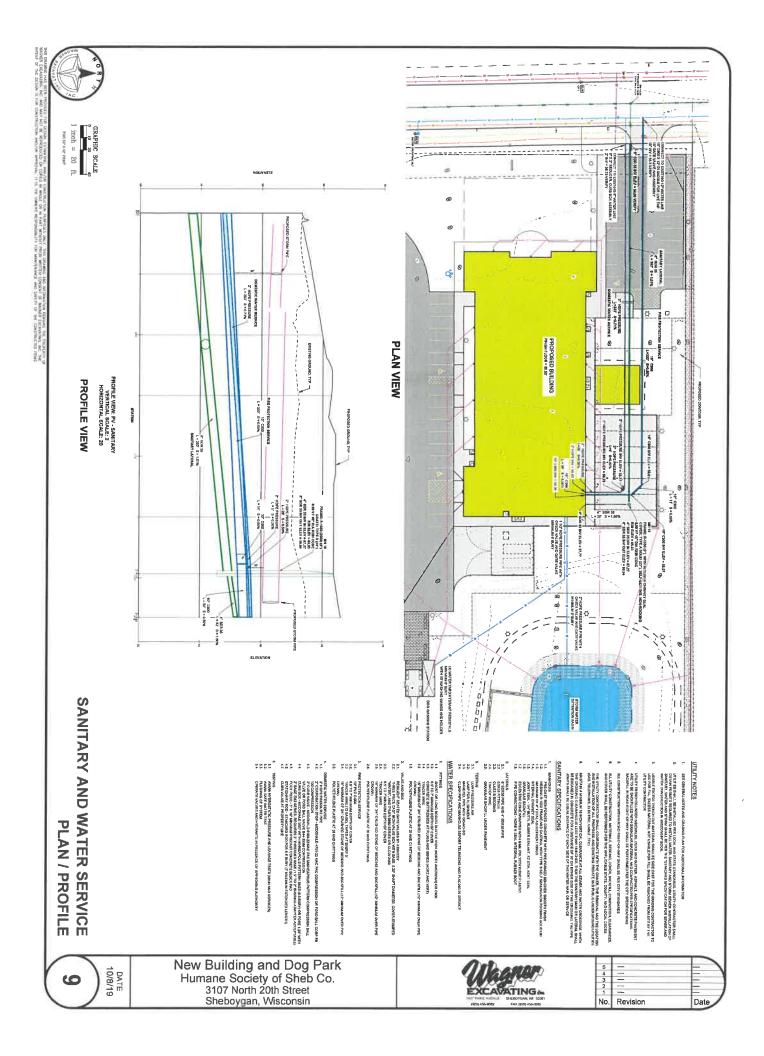


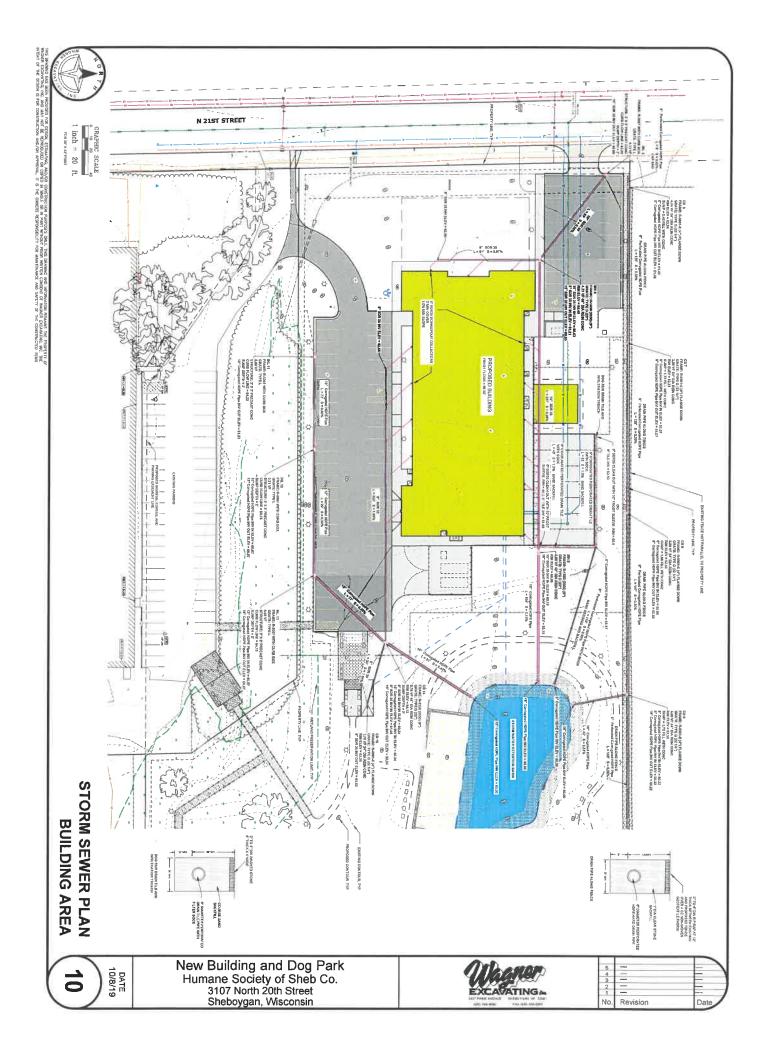


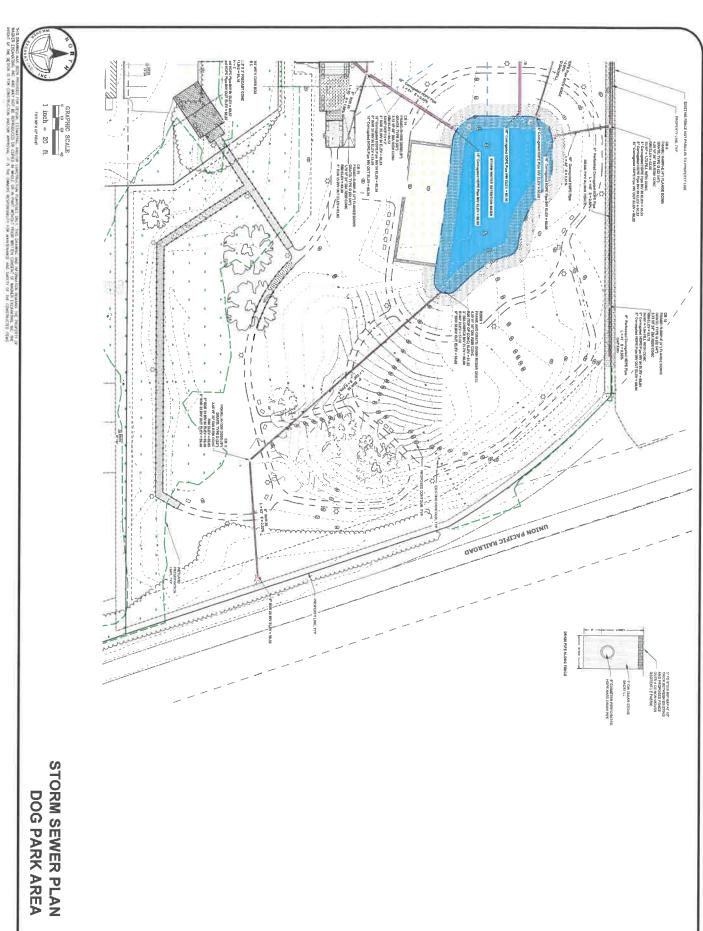






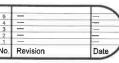






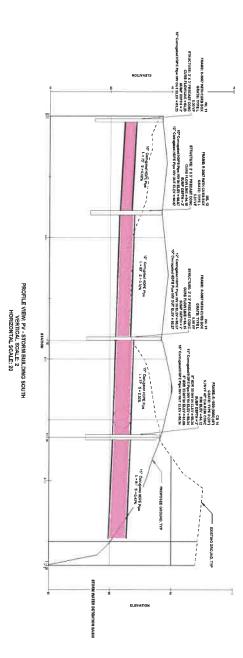
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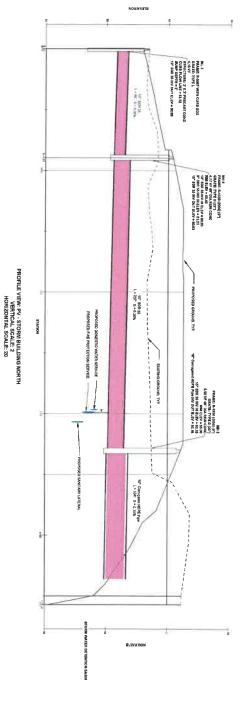








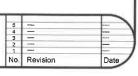




NORTH AND SOUTH AT BUILDING STORM SEWER PROFILE

12











BASIN OUTLET PIPE AT DOG PARK STORM SEWER PROFILE

DATE 10/8/19

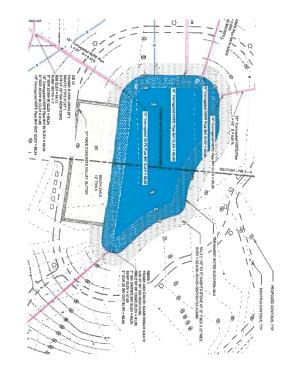




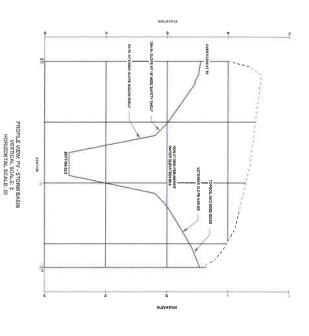












STORM WATER MANAGEMENT PLAN

10/8/19 10/8/19





