



AGENDA OF THE IMPROVEMENT AND SERVICES COMMITTEE

WEDNESDAY, APRIL 27, 2022, 5:00 PM

CITY HALL, ROOM 207

Immediately following Parks Committee.

A. Roll Call.

B. Election.

- I. Election of Chair and Vice-Chair.

C. Approval of the Agenda.

D. Approval of Minutes.

E. Regular Business.

- I. Consideration with possible action on request from Green Viper LLC to enter into a Developer's Agreement with the City of Green Bay for The Woods at Baird Creek Subdivision.
2. Consideration with possible action to approve a grant award in the amount of \$85,000 to implement "Building Municipal Green Streets Program Capacity through Permeable Pavers at the Fox River" project.
3. Consideration with possible action to approve a grant award for a Transportation Alternate Program project from the Wisconsin Department of Transportation to install sidewalk on Manitowoc Road, Pecan Street, and Hemlock Drive.
4. Consideration with possible action on request by Department of Public Works to approve the Sidewalk Repair Policy.
5. Consideration with possible action on the review and award of the following contracts:

A. BRIDGE 1-22 (BRIDGE MAINTENANCE AND CONCRETE REPAIRS)

B. BRIDGE 2-22 EAST RIVER PEDESTRIAN BRIDGE B-5-376 (OVERLAY AND STEEL REPAIRS)

C. RESURFACING 3-22 (INCLUDING SEWER & WATER)

6. Report of actions taken by Department of Public Works.

A. Granting of Licenses

1. Sidewalk Builder

- a. AAE Concrete
- b. American Custom Concrete
- c. Bath Concrete Flatwork LLC
- d. Carter Trucking & Excavating Inc.
- e. Evraets Concrete Construction LLC
- f. Kurowski Construction LLC
- g. Melnarik Concrete Inc.
- h. MP Concrete LLC
- i. Total Construction / Joe Mains Concrete

2. Tree & Brush Trimmer

- a. Jason's Tree Service / Lowney's Landscaping

F. Informational.

- 1. Director's Report on recent activities of the Public Works Department.
- 2. The next Improvement and Services Committee meeting is scheduled for May 11, 2022.

G. Adjournment.

- 1) THIS MEETING IS RECORDED: THE VIDEO OF THIS MEETING AND MINUTES ARE AVAILABLE ONLINE AT www.greenbaywi.gov
- 2) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 3) QUORUM: Please take notice that a majority or quorum of the Common Council will attend this Improvement and Services Committee meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
- 4) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # E.I

Consideration with possible action on request from Green Viper LLC to enter into a Developer's Agreement with the City of Green Bay for The Woods at Baird Creek Subdivision.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # E.2

Consideration with possible action to approve a grant award in the amount of \$85,000 to implement “Building Municipal Green Streets Program Capacity through Permeable Pavers at the Fox River” project.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. Grant acceptance supporting documents



GRANT TRACKING FORM

PART #1: Notification of Grant Funds

([emailto:PamelaMa@greenbaywi.gov](mailto:PamelaMa@greenbaywi.gov))

APPLICANT DEPARTMENT: Public Works

DATE: 02/3/2022

APPLICANT DEPARTMENT GRANT CONTACT NAME/TITLE: Melissa Schmitz/Resiliency Coordinator

APPROPRIATE COMMITTEE: Improvement & Services

NAME OF GRANT/FUNDING SOURCE: Fund for Lake Michigan

AMOUNT OF GRANT REQUEST: \$85,000

LOCAL MATCH REQUIREMENT: \$5,000

SOURCE OF MATCH: ☐ General Fund ☒ Non-General Fund ☐ Not Applicable

TIMEFRAME OF GRANT: 5/4/2022 through 12/26/2022

TYPE OF GRANT REQUEST: ☒ Monetary ☐ Other (explain under 'purpose of grant')

PURPOSE OF GRANT (summary): Building staff capacity for implementation & design of permeable pavement street projects. Increase community awareness of innovative stormwater management practices.

How does the grant meet City/Department needs? Reducing pollutant discharges to local waterways & managing stormwater runoff quantity, MS4 permit compliance

What are the personnel requirements (include both existing and new staff) of the grant? Grant reporting, engineering design, project management, stormwater modeling of final design, public outreach & education.

DEPARTMENT HEAD SIGNATURE: _____

PART #2: Request to Accept Grant Funds

(complete after notification of grant award; [emailto:PamelaMa@greenbaywi.gov](mailto:PamelaMa@greenbaywi.gov))

AMOUNT OF GRANT AWARD: \$85,000

CFDA/STATE ID #: _____

LOCAL MATCH REQUIREMENT: \$5,000

Please describe the source of match, if applicable: Stormwater Utility

Please describe any major changes in proposed grant-funded activities: _____

Please describe what the grant money will be spent on: _____

PART	TO:	DATE:	TO:	DATE:
#1: Request to Apply	Finance Dept		FC – Info/Action	
#2: Request to Accept	Finance Dept		FC – Action	

FC = Finance Committee



A fund within the Greater Milwaukee Foundation
c/o Greater Milwaukee Foundation
101 W. Pleasant St., Milwaukee, WI 53212
phone: (414) 272-5805

Fund for Lake Michigan Grant Agreement for Grant: 20220677

The grant to your organization from the Fund for Lake Michigan (the Fund) at the Greater Milwaukee Foundation (the Foundation) is for the explicit purpose(s) described below and in your grant application to the FFLM and is subject to your acceptance of the following conditions. To acknowledge this agreement, to accept the grant, and to be eligible to receive the funds when needed, **return one signed copy of this grant contract to the Fund for Lake Michigan via email to casey@fundforlakemichigan.org.**

Grant Information

Grantee name:	City of Green Bay		
Amount of grant:	\$85,000	Date authorized:	4/01/2022
Grant purpose:	Building Municipal Green Streets Program Capacity		
Grant period begins:	5/03/2022	Ends:	12/26/2022
Payment schedule:	\$80,000 on 5/03/2022 and \$5,000 on 1/15/2023		
Reporting schedule:	A final report is due 12/31/2022		
Special conditions:	if section IIA applies, final payment may not be issued until signage and other requirements have been met		

Special Provisions

All grants are made in accordance with current and applicable laws and pursuant to the Internal Revenue Code, as amended, and the regulations issued thereunder.

Please read the following carefully:

I. EXPENDITURE OF FUNDS

This grant is to be used only for the purpose described in the grant application and in accordance with the approved budget. The program is subject to modification only with prior written approval from the Fund and the Foundation.

- A. The grantee shall return to the Foundation any unexpended funds:
 - 1. if the Fund or Foundation determines that the grantee has not performed in accordance with this agreement and approved program/budget,
 - 2. if the grantee loses its exempt "public charity" status under Section 501(c)(3) of the Internal Revenue Code, or
 - 3. if the grant period has ended.
- B. No funds provided by the Foundation may be used for any political campaign, legislation, candidates, or office holders, or to support attempts to influence legislation or public policy positions by any government body, other than through making available the results of nonpartisan analysis, study, and research. Grantees may be required to note in presentations or printed publications resulting from the grant that such conclusions do not reflect the position of the Fund for Lake Michigan or the Greater Milwaukee Foundation.
- C. Unless specifically authorized by the Foundation, expenses charged against this grant may not be incurred prior to the effective date of the grant or subsequent to the termination date, and may be incurred only as necessary to carry out the purposes and activities of the approved program.
- D. The grantee organization is responsible for the expenditure of the funds and for maintaining adequate supporting records consistent with generally accepted accounting practices.
- E. Private entities receiving funds from the Fund must solicit competitive bids for all contracts and other expenses estimated to be over \$50,000. Public entities receiving funds from the Fund must follow their own procurement laws and policies.

II. SIGNAGE AND PUBLICITY

- A. The grantee will include the Fund's logo and denote the Fund as a supporter of the project on printed materials, event announcements, the grantee's or project's website, and other media.
- B. When applicable, Fund staff will be included in major press announcements involving the project described in the proposal, such as ground-breakings, ribbon cuttings, and award ceremonies.
- C. The grantee is encouraged to acknowledge the Fund's support on social media and to follow the Fund for Lake Michigan on Twitter, Facebook, and LinkedIn.
- D. The grantee will periodically share other photos, video clips, news articles, and other outreach materials that show the impact of the Fund's grant. These materials can be sent directly to Fund staff.
- E. The grantee will, when asked, report on efforts to recognize the Fund for its support.

III. OPERATIONS AND MAINTENANCE

For all on-the ground restoration and infrastructure projects, the grantee **will maintain the project for at least five years**. If the Project fails to perform as anticipated, or if maintaining the Project is not feasible, then the grantee will provide a report to the Fund explaining the failure of the Project or why maintenance is not feasible. Failure to maintain the Project may make the grantee ineligible for future Fund for Lake Michigan funding, until the grantee corrects the maintenance problems.

IV. REPORTING REQUIREMENTS

Reports will be submitted according to the following schedule:

- A final report is due on: 12/31/2022

Reports should be submitted using the Fund for Lake Michigan's online grant system at <https://www.grantinterface.com/lakemi/Common/LogOn.aspx>. Please contact Casey Eggleston at casey@fundforlakemichigan or 608-334-7788 should you have any questions or problems submitting your reports. Grantees who fail to submit reports may delay or forfeit pending or future grant payments.

For on-the-ground restoration or infrastructure projects, reports should include before and after photos of the project site.

V. LIMIT OF COMMITMENT

Unless otherwise stipulated in writing, this grant is made with the understanding that the Fund for Lake Michigan and the Greater Milwaukee Foundation have no obligation to provide other or additional support to the grantee. Any violation of the foregoing conditions will result in cancellation of future payments and refunding to the Foundation of any amounts subject to the violation.

For the Grantee:

Signature of Representative

Print Name and Title

Date

From: [Amber Meyer Smith](#)
To: [Melissa Schmitz](#)
Cc: [Casey Eggleston](#); [James Brunette](#)
Subject: Fund for Lake Michigan grant contract
Date: Friday, April 8, 2022 1:08:17 PM
Attachments: [City of Green Bay grant contract.pdf](#)

Melissa:

It is my pleasure to inform you that the trustees of the Fund for Lake Michigan have approved a grant of \$85,000 to the City of Green Bay to support your "Building Municipal Green Streets Program Capacity through Permeable Pavers at the Fox River" project.

The Fund for Lake Michigan is a donor-advised fund of the Greater Milwaukee Foundation, Inc. You should receive your initial grant payment directly from GMF once the attached grant contract is signed and returned to the Fund for Lake Michigan. The grant contract includes payment dates, reporting requirements and other important information and conditions of the grant. Please check the reporting and payment dates to make sure they make sense for your project, then **send the signed contract electronically to casey@fundforlakemichigan.org**.

We are excited about this project and are honored to support your work. For all publications and correspondence, please refer to this as a grant from the **Fund for Lake Michigan**. The Fund's name and logo should appear in publications, electronic materials, and on signs for events or projects supported by the grant.

Congratulations and best wishes. We look forward to hearing updates on your progress and hope that you will not hesitate to contact the Fund if we can further assist your efforts

--

Amber Meyer Smith
Program Officer, Fund for Lake Michigan

Global Water Center
247 W. Freshwater Way, Suite 210
Milwaukee, WI 53204
Cell phone: 608.347.6026
amber@fundforlakemichigan.org
www.fundforlakemichigan.org

1. Name of Organization	2. Project Title:
City of Green Bay, Department of Public Works	Building Municipal Green Streets Program Capacity through Permeable Paver Project at the Fox River
3. Brief Summary of the Project: <i>Please include: 1) the problem the project intends to address, 2) the activities your organization will conduct for this project, and 3) the outcomes you hope to achieve for water quality. Your summary should fit in this box. Please note that this document will be shared directly with the trustees of the Fund for Lake Michigan.</i>	
The City continues to face two key stormwater management challenges: managing urban stormwater runoff quantity and reducing pollutant discharges to local receiving waterways. To meet these challenges, the City would like to invest in green infrastructure (GI) located within the public rights-of-way (ROW) and private properties. The City's MS4 permit reflects the goals of the Lower Fox River TMDL program to significantly reduce total suspended solids and phosphorus loadings from urban stormwater discharges. In 2020 & 2021, the City of Green Bay and Department of Public Works has made substantial efforts in educating staff and elected officials about GI and its benefits. Implementing a successful GI street project would help advance green street program design (building staff capacity) and governing body acceptance of green infrastructure in municipal ROW, especially road and alley reconstruction projects. To move the needle forward on developing a green streets program for the City of Green Bay, the Department of Public Works is seeking \$85,000 in grant funding to support construction of a section of permeable street in a residential neighborhood adjacent to the Fox River and the widely used Fox River Trail. The project would be the first permeable street project in the City and would provide an opportunity for public works engineers, project managers and other staff to establish a process for integrating GI into planned road and alley reconstruction projects. <u>Activities</u> Project engineering and design and construction; stormwater modeling of the final design, neighborhood / community engagement; and educational signage on the Eliza Street entrance to the Fox River Trail. <u>Outcomes</u> Stormwater runoff quantity reduction & pollutant reduction to the Fox River; Build staff capacity to incorporate GI into planning, engineering design and construction management phases of street projects; Increase community awareness and acceptance of GI <u>Expected Water Quality Impacts on the Fox River</u> Preliminary WinSLAMM modeling results show the water quantity and quality benefits of implementing permeable pavers on Eliza Street between the Fox River and Madison Street. • Runoff reduction (60.69%), • Particulate solids reduction (92.70%) • Particulate phosphorus (P) reduction (90.15%) • Particulate total Kjeldahl nitrogen (TKN) reduction (82.58%)	

Organizational overview

The City of Green Bay was founded as a European trading post in 1634 and was incorporated in 1854 making it the oldest city in Wisconsin. Throughout the nineteenth and twentieth centuries, Green Bay attracted industrial development along the Fox River, and while these businesses established a stable economy, consequences of production diminished water quality in the Fox River. As an older city, Green Bay has residential and commercial development in low-lying flood-prone areas, mainly occupied by low to moderate income households who may not have the finances to make their properties more resilient. Green Bay's development has created a great number of impervious surfaces, which lead to urban flooding. A changing climate demands the City of Green Bay's consideration of green infrastructure in the planning and design phases of road and alley reconstruction projects.

Project overview & Project Context

The City of Green Bay (the City) continues to face two key stormwater management challenges: managing urban stormwater runoff quantity and reducing pollutant discharges to local receiving waterways. To meet these challenges, the City would like to invest in green infrastructure (GI) located within the public rights-of-way (ROW) and private properties. The City's MS4 permit reflects the goals of the Lower Fox River TMDL program to significantly reduce total suspended solids and phosphorus loadings from urban stormwater discharges.

Since 2019, the City of Green Bay has taken action and increased collaboration to further understanding and implementation of green infrastructure in the community.

- Green Infrastructure Code Audit to identify and remove barriers and promote the inclusion and implementation of green infrastructure (GI) into both public and private projects and properties.
- Resiliency Coordinator was hired with funding support from the FFLM and the City's Stormwater Utility.
- Flood Resiliency workshops for City staff (East River Resiliency Collaborative).
- Financing GI workshop for the City's senior leadership (American Rivers, WaterNow Alliance).
- Joannes Park Neighborhood GI and resiliency outreach (United Way, Wello, NeighborWorks, TNC).
- GI education and Climate Resiliency workshop for GB high school students (Clean Wisconsin).
- Participation in the East River Resiliency Collaborative.
- Staff consultations and field visits with key Wisconsin municipalities on engineering design and best practices for GI installations and program design.

Implementing a successful GI street project would help advance green street program design (building staff capacity) and governing body acceptance of green infrastructure in municipal ROW, especially road and alley reconstruction projects. To move the needle forward on developing a green streets program for the City of Green Bay, the Department of Public Works is seeking \$85,000 in grant funding to support construction of a section of permeable street in a

residential neighborhood adjacent to the Fox River and the widely used Fox River Trail. The project would be the first permeable street project in the City and would provide an opportunity for city engineers, project managers and other staff to establish a process for integrating GI into planned road and alley reconstruction. The City proposes to include permeable pavers as a part of the overall planned road reconstruction of Eliza St. – a street identified in the city's 5-year road reconstruction schedule.

The Fox River is the largest single source of phosphorus to Lake Michigan (Dolan and Chapra 2012) and is designated as an Area of Concern under the 1987 Great Lakes Water Quality Agreement. This permeable paver project will demonstrate the City's commitment to green infrastructure and allow residents to experience the benefits of these practices firsthand. In addition to being a highly visible location for green infrastructure, this project will provide an opportunity to educate the neighborhood and community about green infrastructure practices while garnering support for future projects

Project goals

- Successful implementation of the City's first green street project
- Build staff capacity for developing a green streets program
- Improve water quality of runoff entering the Fox River
- Water volume reduction of stormwater
- Increase community awareness and governing body acceptance of GI in right-of-way (ROW)

Specific Activities

- Project engineering, design, and project management of permeable paver installation
- Stormwater modeling of the final design
- Neighborhood / community engagement
- Install GI educational signage Eliza Street entrance to the Fox River Trail.

Project Deliverables

- Written process / checklist for DPW staff in evaluating the implementation of GI in ROW projects.
- Modeling results of final project design
- Before and after photos of project area
- Copies of newsletter articles and other published materials
- Grant reports

Expected Outcomes & Water Quality Impacts

Outline a process for DPW staff to evaluate GI in (ROW) road reconstruction projects.
Pollutant load reduction of stormwater entering the Fox River
Runoff reduction (quantity) of stormwater

Expected Water Quality Impacts on the Fox River

Preliminary WinSLAMM modeling results show the water quantity and quality benefits of implementing permeable pavers on Eliza Street between the Fox River and Madison Street. Results are based on an area of 1.15 acres which is shown on the project location map

- Runoff reduction (60.69%),
- Particulate solids reduction (92.70%)
- Particulate phosphorus (P) reduction (90.15%)
- Particulate total Kjeldahl nitrogen (TKN) reduction (82.58%)

Project partners

- City of Green Bay Public Works Department: Engineer, design and manage the construction of the project; grant administration, grant publicity, lead and coordinate community engagement and education.
- City of Green Bay Sustainability Commission: Julia Noordyk, member of the Commission and UW Sea Grant Outreach Specialist, will assist the Resiliency Coordinator with outreach and engagement with the community and Common Council.
- Wisconsin Department of Natural Resources: The WDNR is a supporter of the proposed project. Ben Benninghoff acted as a grant mentor to the Great Lakes Champions Mini-Grant Program (Green Infrastructure Code Audit). The Resiliency Coordinator and Mr. Benninghoff speak regularly and the City will share the best management approaches and practices with the WDNR at the conclusion of the project. The project will be reported in the City's annual MS4 report to the WDNR,
- Astor Neighborhood Association (ANA): The project is located in the Astor Neighborhood and the ANA board supports the project. They will share publicity of the project through a quarterly newsletter. The Resiliency Coordinator has gave a presentation to the ANA and visited five homes in the area adjacent to garner support for the proposed project.
- Green Bay Area Public School District: The Aldo Leopold Community School is located near the Fox River and the project will provide an environmental learning opportunity for students. The school district and City have begun discussing potential project locations for green infrastructure beneficial to both the City and the school district (i.e. playgrounds and parking areas). Ned Dorff, a member of the Sustainability Commission and a faculty member at Aldo Leopold School, will help facilitate educational opportunities for the students.

Project timeline

1 st Quarter	Start neighborhood outreach; Design, bid, select contractor
2 nd Quarter	Start construction; continue outreach to community

3 rd Quarter	Finish construction; procure educational signage
4 th Quarter	Wrap-up site restoration, close-out contract, submit grant report and deliverables

Will the project move forward if you are unable to secure all the necessary funding?

\$5,000 from the Stormwater Utility is secured to support the educational components of the project. However, if the City is not awarded the FFLM grant, the permeable pavers (GI) will not be installed as part of the project. A successful green streets project is needed to gain more support from elected leaders.

Permits and Approvals

There are no permits required for the proposed project. Common Council approval is required to accept grant funds to carry out the proposed grant activities. This is standard practice for incoming grant funding to the City of Green Bay.

Department of Public Works engineering staff have started the preliminary design of the road reconstruction and the green infrastructure design will be finalized if the City of Green Bay is awarded the grant.

Project evaluation

Metrics of success include:

- Construction of Green Bay's first permeable street by the end of Q3.
- Through the creation of a departmental GI evaluation process, staff knowledge & capacity to incorporate GI in future ROW projects will be increased.
- Residents, especially in floodways, are better educated on sustainable practices, and are more resilient to weather-related events
- Lessons learned, modeling data, project successes will be shared with City committees and Common Council.
- Stormwater modeling of the final project design will be used to demonstrate the water quality and quantity impacts.

Project Challenges

Weather-related challenges could create delays with the construction of the project. Other city road reconstruction projects are also in the design process and the final design of Eliza St. could be delayed because of the design schedule and staff time constraints. In any case, DPW is committed to completing the project within the 2022 construction season.

Outreach

The benefits of green streets in municipal projects will be shared with neighborhood residents and the Green Bay Area School District. This will be achieved through face-to-face meetings with neighbors, information-sharing on the City website and social media, and articles published

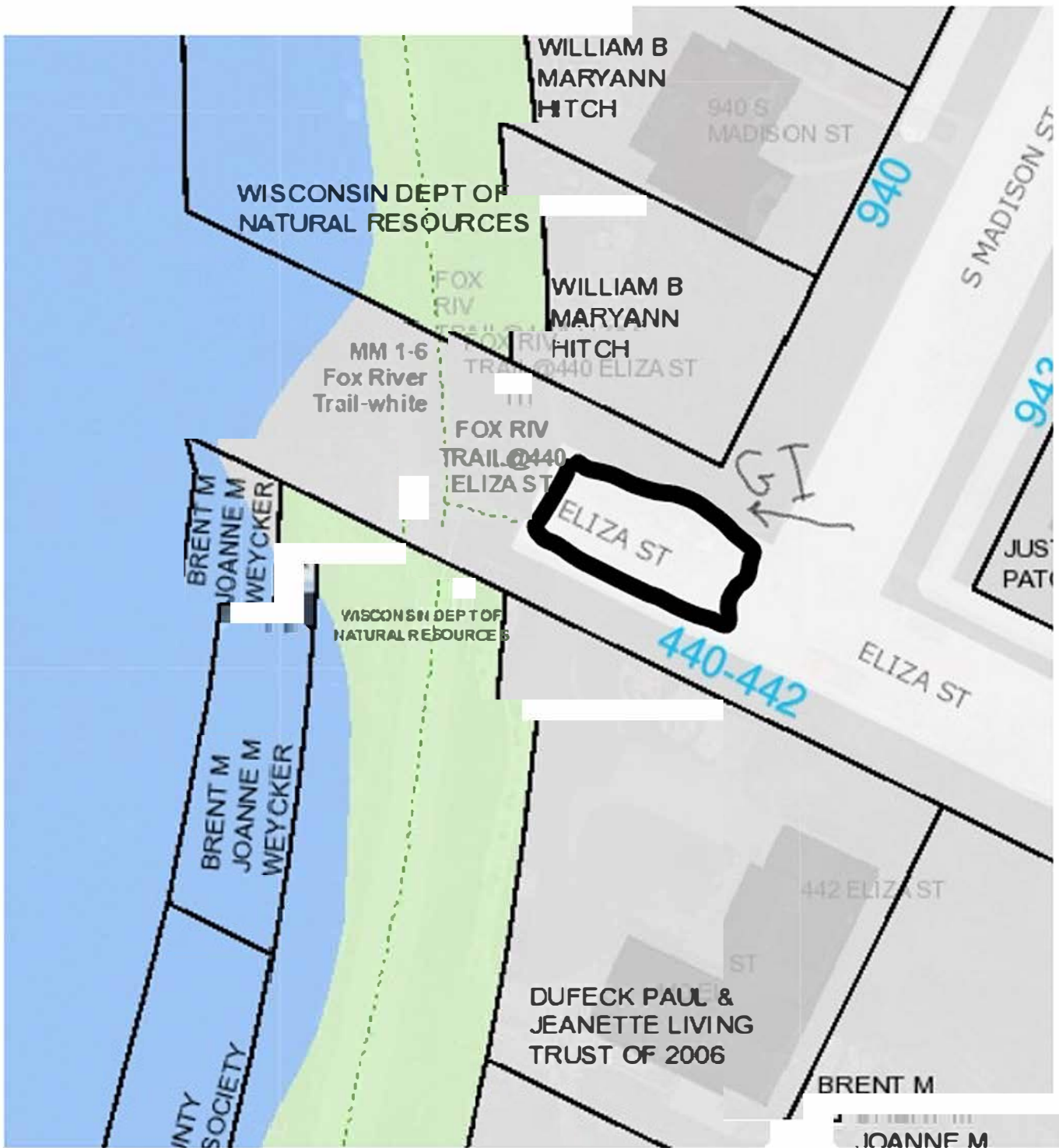
in neighborhood association newsletters and social media platforms. The City will share lessons learned with WDNR staff. The City will also install an educational sign near the entrance to the Fox River Trail in a highly visible area.

Sustainability

Integrating an evaluation process for GI suitability into road reconstruction planning will help institutionalize consideration of GI as an accepted engineering practice and best management practice for managing the City of Green Bay's stormwater. Vacuum sweeping of the street will be done at least two times annually to ensure long-term effectiveness of the permeable pavers to infiltrate stormwater and capture pollutants.

Capacity to conduct project

The project will be managed by the City's Department of Public Works. James Brunette (Assistant Director of Public Works) will oversee the design of the project and its construction. James has 23 years of design and construction management experience. Ting Thompson-Eagan is the project engineer and will be designing improvements to the existing sewer system and the roadway, including the implementation of the permeable pavers. Matt Woicek is the Assistant City Engineer and is responsible for scoping/planning of the reconstruction project, as well as review of the project design and contract documents. This grant will be administered by the City's Resiliency Coordinator, Melissa Schmitz. Ms. Schmitz has eight years of experience managing EPA Clean Water Act 106 and 319 grants during her employment with the Oneida Nation.





Fund for Lake Michigan

Fund for Lake Michigan Budget Template

Grantee Name: City of Green Bay Dept. of Public Works

Project Name: Building Municipal Green Streets Program Capacity through Permeable Paver Pilot at the Fox River

Grant Period: May 2022- November 2022

Total Project Expenses: \$90,000 \$ 90,000

Amount Requested from the Fund for Lake Michigan: \$ 85,000

Proposed Project Expenses (See Instructions)	Total Project Expenses	Fund for Lake Michigan Share
NOTE: Please add rows for specific line items under each category.		
Salaries, Taxes, and Benefits - By Position (see Instructions)		
	0	
<i>Subtotal Salaries and Benefits</i>	0	0
Materials and Supplies		
<i>Provide identify individually material purchases in excess of \$5,000</i>		
<i>Design, purchase, and install educational signage at the project site.</i>	5,000	
<i>Subtotal Materials and Supplies</i>	5,000	0
Equipment		
<i>Please identify individually equipment purchases in excess of \$5,000</i>		
<i>Subtotal Equipment</i>	0	0
Other Direct Expenses		
<i>Please identify individually items in excess of \$5,000</i>		
<i>Subtotal Other Direct Expenses</i>	0	0
Contract Services		
<i>Please identify individually contract services in excess of \$5,000</i>		
Contracted estimated cost to furnish and install permeable pavers and associated storm water accessories	85,000	85,000
<i>Subtotal Contract Services</i>	85,000	85,000
Indirect Expenses (see Instructions)	0	0
	0	
<i>Subtotal Indirect Expenses</i>	0	0
Total Project Expenses	90,000	85,000

Proposed Project Revenue (See Instructions)	Secured, Pending, Planned, or In-kind	Total Project Revenue
NOTE: Please add rows for specific line items under each category.		
<i>Fund for Lake Michigan Share</i>	Planned	85,000
City of Green Bay Stormwater Utility	Secured	5,000
Total Project Revenue		90,000



"The mission of the Astor Neighborhood Association is to maintain the integrity, vitality, and diversity of the Astor community through the protection and preservation of its history, neighborhoods, and architecture."

February 24, 2022

Melissa M. Schmitz
Resiliency Coordinator
City of Green Bay
100 N Jefferson St.
Green Bay, WI 54301

Subject: Support for City of Green Bay's grant proposal to the Fund for Lake Michigan

Dear Ms. Schmitz,

I am writing in support of the City of Green Bay's grant project titled, "Building Municipal Green Streets Program Capacity through Permeable Paver Pilot Project at the Fox River". This project will help our community utilize innovative solutions to water quality issues and flood mitigation.

The Astor Neighborhood Association is excited about the educational opportunities the permeable paver project will provide our local schools & residents who use the Fox River Trail. The Astor Neighborhood Association would be honored to have this project within our neighborhood & we look forward to seeing its implementation!

Green infrastructure is a great tool to address water quality and quantity of stormwater runoff in urban areas and compliments the City of Green Bay's stormwater management plan and resiliency initiatives. This project will serve as a pilot project for the City's Public Works staff to implement green infrastructure into street projects, and it will also demonstrate the benefits and feasibility of green infrastructure to Green Bay area residents, community partners, and users of the nearby Fox River Trail.

Sincerely,

Ryan M. Pierce
President - Astor Neighborhood Association



Vicki Bayer
Deputy Superintendent
200 South Broadway | Green Bay, WI 54303
Phone: (920) 448-2005 | www.gbaps.org

February 17, 2022

Melissa M. Schmitz
Resiliency Coordinator
City of Green Bay
100 N Jefferson St.
Green Bay, WI 54301

Subject: Support for City of Green Bay's grant proposal to the Fund for Lake Michigan

Dear Ms. Schmitz,

I am writing in support of the City of Green Bay's grant project titled, "Building Municipal Green Streets Program Capacity through Permeable Paver Pilot Project at the Fox River". This project will help our community utilize innovative solutions to water quality issues and flood mitigation.

Aldo Leopold Community School, a Green Bay Area Public School District K-8 school, is situated along the Fox River at 622 Eliza Street, Green Bay, WI. Aldo Leopold Community School, along with the school District, actively seeks ways to create green space and reduce carbon footprint.

Green infrastructure is a great tool to address water quality and quantity of stormwater runoff in urban areas and compliments the City of Green Bay's stormwater management plan and resiliency initiatives. This project will serve as a pilot project for the City's Public Works staff to implement green infrastructure into street projects, and it will also demonstrate the benefits and feasibility of green infrastructure to Green Bay area residents, community partners, and users of the nearby Fox River Trail.

Sincerely,

Vicki Bayer
Deputy Superintendent



February 22, 2022

Vicki Elkin, Executive Director
Global Water Center
247 Freshwater Way, Suite 537
Milwaukee, WI 53204

Subject: Letter of Support for proposal *Building Municipal Green Streets Program Capacity Through Permeable Paver Pilot Project at the Fox River*

Dear Ms. Elkin:

On behalf of the Wisconsin Department of Natural Resources, this letter expresses support for the proposal *Building Municipal Green Streets Program Capacity Through Permeable Paver Pilot Project at the Fox River* submitted by Melissa Schmitz with the City of Green Bay. The goals of this project to build local capacity, increase community awareness and improve water quality align with DNR's municipal stormwater program (MS4) program adaptive learning approach. The DNR stormwater program is particularly interested in the operating process that the City will identify and outline since this type of information can be used by the Department when we develop guidance and provide technical assistance designed to protect and improve water quality and create an implementable permit program. This project also complements other efforts to develop green infrastructure projects and incorporate them into Green Bay's operations that DNR's stormwater program and the Office of Great Waters have engaged in with City of Green Bay staff and interested stakeholders.

We look forward to having meaningful discussions with the City of Green Bay as they prepare for and implement this project that will support the development of their green streets program. Stormwater best management approaches and practices that focus on water volume reduction while providing water quality treatment (i.e., reducing sediment and nutrients) continues to be an active area of interest for regulated communities, so we look forward to ongoing discussions regarding this project.

Sincerely,

Benjamin Benninghoff
Watershed Management Supervisor
Wisconsin Department of Natural Resources

cc: Donalea Dinsmore, OGW Great Lakes QA and Funding Coordinator
Joe Baeten, NER Watershed Management Supervisor
Shannon Haydin, Stormwater Program Section Chief
Chris Linskens, NER Stormwater Engineer



University of Wisconsin Sea Grant Institute
1975 Willow Drive, Madison, WI 53706-1177
608.262.0905 ph 608.262.0591 fax www.aqua.wisc.edu

February 24, 2022

Mayor Eric Genrich
City of Green Bay
400 N Jefferson St.
Green Bay, WI 54301-5026

RE: Letter of support for Fund for Lake Michigan grant application to support implementation and capacity building for green infrastructure in the City of Green Bay

Dear Mayor Genrich,

I am writing on behalf of the University of Wisconsin Sea Grant Institute with enthusiastic support for the City of Green Bay's proposal *Building Municipal Green Streets Program Capacity through Permeable Paver Pilot Project at the Fox River*. This project will increase the City of Green Bay's capacity to integrate green infrastructure practices into future public works and development projects.

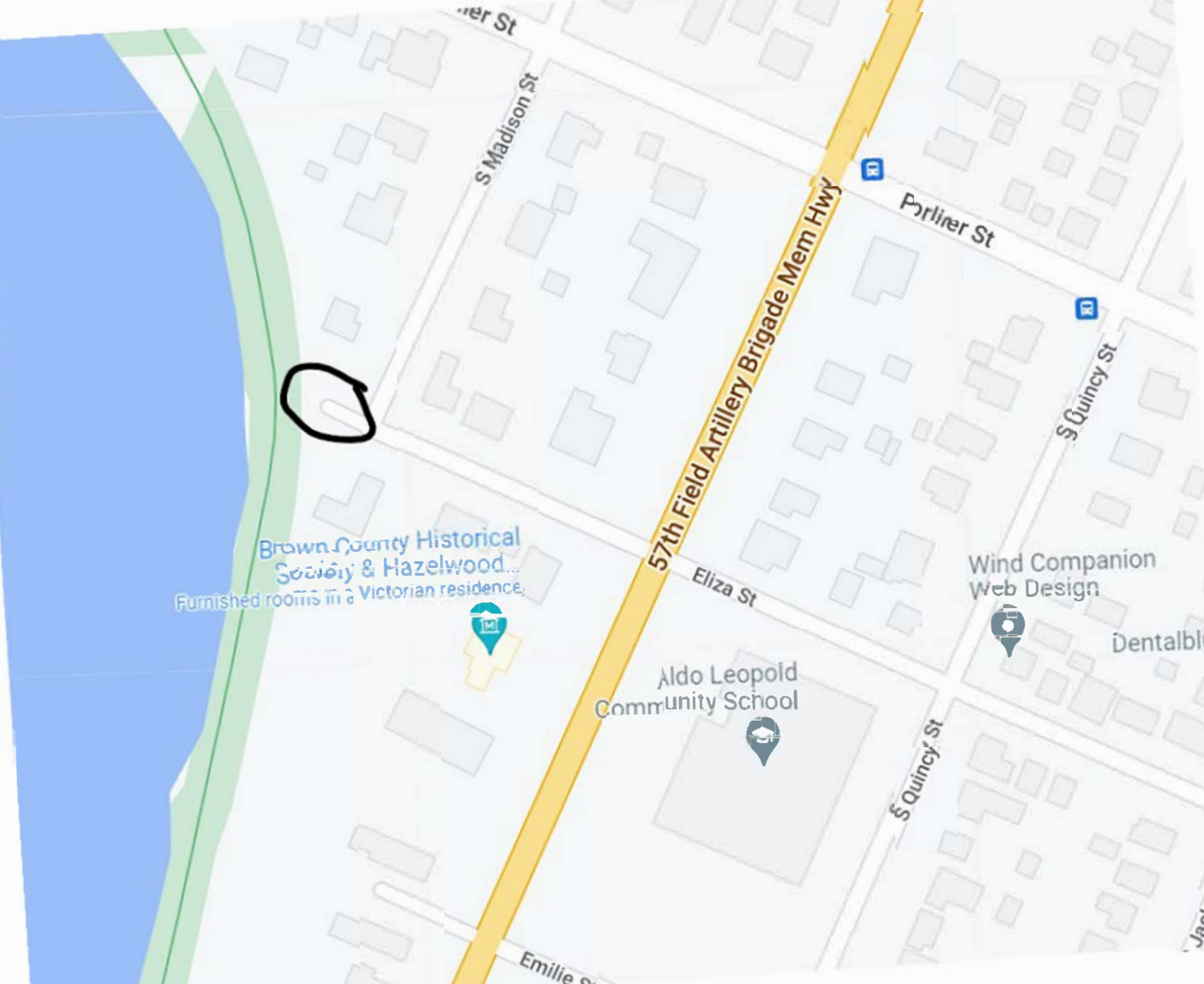
In recent years, the City of Green Bay has gained significant momentum in strengthening coastal resiliency and mitigating flood risk through the use of green infrastructure. This project will help to expand the City's impact on water resources with the installation of permeable pavement in a residential neighborhood adjacent to the Fox River. This project will also serve as an innovative demonstration project, helping to promote the benefits and feasibility of green infrastructure to the City, Green Bay-area communities and partners.

As the UW Sea Grant Water Quality and Coastal Community Specialist and a City of Green Bay Sustainability Commissioner, I strongly encourage the Fund for Lake Michigan to fully support this proposal to restore the health of and mitigate the effects of climate change in one the most important Great Lakes coastal watersheds. Please feel free to contact me if there are any questions regarding this letter of support.

Sincerely,

A handwritten signature in black ink that reads "Julia Noordyk". The signature is fluid and cursive.

Julia Noordyk
Water Quality and Coastal Community Outreach Specialist
University of Wisconsin Sea Grant Institute
2420 Nicolet Dr. MAC 212
Green Bay, WI 54311
920-664-4054
noordyk@uwgb.edu



er St

S Madison St

57th Field Artillery Brigade Mem Hwy

Portier St

S Quincy St

Eliza St

S Quincy St

Emilie St

Brown County Historical
Society & Hazelwood
Furnished rooms in a Victorian residence

Aldo Leopold
Community School

Wind Companion
Web Design

Dentalbl





Fox River Trail (Green Bay to Greenleaf)

(Green Bay to Greenleaf)

S Madison St

S Madison St

442

Eliza St

Eliza St

943

421 Eliza St
Green Bay, Wisconsin



Google



Street View - Sep 2016





City of Dubuque, Iowa Green Alley Ways Permeable Paver Project

- Permeable paver systems installed in green alley ways are expected to reduce storm water runoff by 80%.
- Concrete permeable pavers were selected over alternative options because of their durability, performance and natural beauty.
- Mechanical installation costs for these permeable paver projects in Dubuque are under \$4 per square foot.



Permeable Pavers “Best Bang for the Buck” in Green Alley Reconstruction

The City of Dubuque's Green Alley Project is an infrastructure improvement project focusing on storm water runoff reduction. Between 1999 and 2011, Dubuque, IA was the site of six flood-related Presidential Disaster Declarations with total damages nearing the \$70 million mark. In response to these repeated disasters, funding was secured to resurface approximately 240 alleys in the Bee Branch watershed with permeable pavement. The project is expected to reduce runoff in the watershed by 80% and help protect water quality in the Mississippi River. The Green Alleys project is phase 6 of a 12-phase flood mitigation effort currently under way in the watershed.

Because of their superior durability and aesthetic appeal, concrete permeable pavers were chosen over alternative pervious pavement options for the alley renovation. County Materials Corporation is supplying the majority of the pavers for the project. “We like the durability, and we like the look of them,” comments city engineer Jon Dienst of the 4” x 8” H₂O Pro Pavers®, adding that the uniformity of the units also makes them ideal for mechanical installation.

On a project of this scope, that is no small concern. Three local contractors are involved in the installation, each typically laying well over 3,000 units per day. The pavers can be laid one layer at a time, with a typical pallet of 8 layers taking just 6-7 minutes to install. This helps the project progress at an optimum rate. County Materials has stepped up to the challenge of keeping ahead of the contractors' needs by maintaining careful communication between dispatchers, plant foremen and contractors. “They are installing a significant amount of pavers to meet project goals,” says County Materials' sales representative Jon Schroetke. “It's our job to make sure we are delivering what they need within a realistic, quick time frame.”

The base materials used for the project are larger gravel size than typical sandset paver applications. The larger sized stone is less labor intensive to vibrate in, and easier to maintain. It is also far more cost effective for the city. Instead of paying for 1/4” granite chip at \$200-300 per ton, the City of Dubuque is able to use 3/8” clean limestone gravel at just \$18-20 per ton. This results in a mechanical installed price of under \$4 per square foot. “(The pavers) are the best bang for the

City of Dubuque, Iowa Green Alley Ways Permeable Paver Project



buck. They're consistent. It's easier to remove debris out of these paver joints," says Dienst. "And they're cost effective, so we're not overly burdening the citizens of Dubuque," he adds, referring to the property assessment that is supplementing funding for the project.

As an added bonus to citizens, the pavers help extend seasonal access to the alleys. Like most Midwestern cities, Dubuque does not plow its alleys. The pavers eliminate water puddles and freezing in winter. Therefore they keep the alleys far more clear of snow than traditional paving, and minimize water accumulation in the spring.

At first, the City's engineering department fielded some pushback about the assessment for alley reconstruction. However, as residents watched the transformation happening in their alleys, the nature of the phone calls changed. Now, people are calling up and asking whether their alleys are next. The City is using the popularity of the alleys to help educate the public about watershed best practices.

Despite the speed at which the work is progressing, the Green Alleys project is a long-term endeavor. Twenty-three alleys were completed in 2014 with another 50 scheduled for 2015 and 2016. Reconstruction of the remaining alleys in the Bee Branch Watershed is scheduled to take place between 2024 and 2038. However, the City of Dubuque may not stop there. "At some point," says Dienst, "we'd like to extend to areas outside the Bee Branch watershed. We expect other areas of city will also want their alleys redone."



For more information call (800) 242-7733
www.countymaterials.com



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # E.3

Consideration with possible action to approve a grant award for a Transportation Alternate Program project from the Wisconsin Department of Transportation to install sidewalk on Manitowoc Road, Pecan Street, and Hemlock Drive.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. Transportation Alternatives Program

Table 3
2023-2026 Transportation Alternatives Program (TAP)
MPO Staff Ranking and Funding Allocation Scenarios

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MPO Staff Ranking	Applicant and Applicant Rank	Project	Project Description	WisDOT Determined Eligibility and Commencement Issues	Type	Federal Eligible Cost Estimate	Maximum Request (80%)	Required Local Share (20%)	Scenario A		Scenario B		Scenario C	
									Award	Percent	Award	Percent	Award	Percent
1	Brown County Parks (#1 of 1)	Fox River State Trail	Mill and repave six miles of the Fox River State Recreational Trail between Porlier Street (City of Green Bay) and CTHX (City of De Pere).	Yes/Minimal commencement concerns	Design	No Request	—	—	—	—	—	—	—	—
					Construction	\$1,050,901	\$840,721	\$210,180	\$840,721	80.0%	\$787,977	75.0%	\$662,399	63.0%
2	Green Bay (#2 of 2)	New Sidewalks	Construct sidewalks both sides on Manitowoc Road (Main St to Hemlock Dr), Pecan Street north side only (Main St to Manitowoc Rd), and Hemlock Dr on both sides (Manitowoc Rd to Edgewood Dr).	Yes/Minimal commencement concerns	Design	\$114,166	\$91,333	\$22,833	—	—	\$57,083	50.0%	\$71,961	63.0%
					Construction	\$849,481	\$679,585	\$169,896	\$429,079	50.5%	\$424,741	50.0%	\$535,441	63.0%
3	Green Bay (#1 of 2)	West Side Trail	Construct a 10' wide asphalt multi-use trail install striped bike lane and sidewalk, and enhance pedestrian road crossings.	Yes/Many commencement cocerns including ROW acqisition, wetlands and railroad coordination.	Design	\$86,095	\$68,876	\$17,219	—	—	—	—	—	—
					Construction	\$529,726	\$423,781	\$105,945	—	—	—	—	—	—
	Total:					\$2,630,369	\$2,104,295	\$526,074	\$1,269,800		\$1,269,800		\$1,269,800	



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # E.4

Consideration with possible action on request by Department of Public Works to approve the Sidewalk Repair Policy.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

1. City_Sidewalk_grading_policy
2. Sidewalk Memo to Steve

CITY OF GREEN BAY SIDEWALK REPAIR POLICY

1. Purpose: The purpose of this policy is to define review criteria for determining if existing sidewalk sections meets or exceeds the current standards of the American with Disabilities Act(ADA), thereby requiring repair or replacement
2. Definitions:
 - a. “trip hazard” means a vertical difference in elevation of ½-inch or more.
 - b. “transverse pitch” means the slope of the sidewalk from the edge closest to the curb and gutter towards the interior of the lot.
 - c. “spalled concrete” means a section loss or divot on the surface of the concrete panel. Spalled concrete is typically dished shape, or concrete where the finished upper surface had worn away, exposing the underlying aggregate(stones)
 - d. “sidewalk section” means a panel of concrete sidewalk, typically measuring 5 ft x 5 ft
3. Sidewalk Review Criteria: The existing sidewalk will be reviewed from parcel line to parcel line to verify that none of the situations listed below are present. If the following characteristics do exist the concrete panel needs to be repaired or replaced.
 - a. Elevation differential of 1/2-inch or greater between adjacent panels (trip hazard).
 - b. Transverse pitch exceeding ¾-inch per foot (6%).
 - c. Any cracks that are ½-inch wide or wider.
 - d. Settlement out of vertical alignment (more than 1 inch per foot from nominal grade)
 - e. Spalled concrete over greater than 25% (>6.25 sf) of the area of a sidewalk section (typically 5 feet by 5 feet) with divots of ½- inch in depth



Public Works Department
100 North Jefferson Street - Room 300
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Administration | Engineering | Traffic 920.448.3100
Operations 920.448.3535
Parking 920.448.3431
Fax 920.448.3102

INTEROFFICE MEMO

DATE: April 14, 2022

TO: Steven Grenier - Director of Public Works

FROM: Jennifer McCartney - Construction Manager

SUBJECT: Sidewalk Repair/Replacement Evaluation Criteria

C: James Brunette - Assistant Director of Public Works
Matt Woicek - Assistant City Engineer - Project Development

The current criteria being used for sidewalk replacement is as follows:

- Elevation differential between adjacent panels (trip hazard)
- Transverse pitch exceeding $\frac{3}{4}$ -inch per foot (6%)
- Crack $\frac{1}{2}$ -inch or wider
- Settlement out of vertical alignment (more than 1 inch per foot from nominal grade")
- Spalled concrete resulting in an irregular surface of $\frac{1}{2}$ inch or greater in depth

Attached is a summary of information gathered from other municipalities within the State of Wisconsin as to what criteria they are using for their sidewalk repair/replacement program. After review of this information, I would like to propose a revised criteria for the City of Green Bay. The proposed revised criteria are as follows:

- Elevation differential between adjacent panels (trip hazard)
- Transverse pitch exceeding $\frac{3}{4}$ -inch per foot (6%)
- Crack $\frac{1}{2}$ -inch or wider
- Settlement out of vertical alignment (more than 1 inch per foot from nominal grade")
- Spalled concrete over greater than 25% of the piece of sidewalk (typically 5 foot by 5 foot) with depressions of $\frac{1}{2}$ inch in depth

The criteria is generally the same with the exception of the last bullet point. The criteria is within the standards of the Americans with Disabilities Act (ADA).

Sidewalk Policy Summary 2022

Green Bay	Elevation Differential Between Adjacent Panels (Trip Hazard)	Transverse Pitch Exceeding 3/4" per Foot (6%)	Crack 1/2" or Wider	Spalled Concrete Resulting in an Irregular Surface 1/2" or Greater in Depth
Kenosha	> 1", or > 1/2" in business/commercial districts. Wedge cut 1-2" rise, unless other additional flaws present. If so, replace	> 1" per foot (8.33%)	Width = > 1/2", or > 1/4" in business/commercial districts	> 1/2" depression, or spalling causing > 1/4" depression
Oshkosh	≥ 1/2"	Max 2% cross slope (1/4" per foot), but rehab work situational, depending on existing sidewalk	Replace if crack is a "working crack"	Where aggregate is exposed or a tripping hazard exists. If surface is worn such that "useful life has passed"
Sheboygan	3/4" joint displacement	3/4" vertical or horizontal displacement	longitudinal or multiple cracks	Spalling/pop outs 50%
Fond du Lac	NA	NA	NA	Does not typically result in condemned sidewalk. Would take a missing chunk or majority of surface spalled
Eau Claire	≥ 1/2"	6% pitch toward road, any back pitch leading water to homes	≥ 1/2" wide or deep	Judgement call, typically use "high heel rule"
Janesville	NA	NA	NA	Judgement call, generally replaced if there are multiple pitted areas or very rough surface
Wausau	≥ 3/4" vertical difference	NA	> 1/4" wide with potential to cause breaking out and/or settling	> 25% spalled with depressions 1/2" from surface
De Pere	≥ 3/4" for 12" of joint	Profile variance > 4" per slab	> 1/2" for crack ≥ 3'	≥ 50% of surface spalled, missing piece ≥ 3"x3", > 10' of cracks per slab
Appleton	3/4" vertical difference between or within sidewalk sections	3/4" vertical difference within sidewalk section	1/2" between or within sidewalk sections	Not a separate category, falls under 3/4" vertical differential

NA = Not addressed in response



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # E.5

Consideration with possible action on the review and award of the following contracts:

- A. BRIDGE 1-22 (BRIDGE MAINTENANCE AND CONCRETE REPAIRS)
- B. BRIDGE 2-22 EAST RIVER PEDESTRIAN BRIDGE B-5-376 (OVERLAY AND STEEL REPAIRS)
- C. RESURFACING 3-22 (INCLUDING SEWER & WATER)

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- 1. QUESTCDN_ Project Bid Results_BRIDGE 1-22
- 2. QUESTCDN_ Project Bid Results_BRIDGE 2-22
- 3. QUESTCDN_ Project Bid Results_RESURFACING 3-22

[Previous](#) [Next](#) [Close Window](#)
[Print Results](#)

Project Bid Results

BRIDGE 1-22 (BRIDGE MAINTENANCE AND CONCRETE REPAIRS) (Quest project #8164223)

owner: Green Bay WI, City of
 100 N Jefferson Street
 Room 300
 Green Bay , WI 54301
 ph: 920-448-3100
 fax: 920-448-3102
 contact: Steven Grenier, P.E.
 e-mail: stevengr@greenbaywi.gov

soliciting agent: Green Bay WI, City of
 contact: Kayla Wasielewski
 phone: 920-448-3134
 e-mail: kaylaw@greenbaywi.gov
 bid date: 04/19/2022 02:00 PM CDT

award date:

comments:

award status: Pending

bid result/award information: (no information presently available)

letting bid tabulation: [view](#)

Company/Contact	Phone/e-mail	Amount	Awarded
LUNDA CONSTRUCTION Lunda Estimating	715-284-9491 wiquotes@lundaconstruction.com	\$65,677.00	
Norcon Corporation Tiare M. Penrose	7153595808 norcon@norconcorp.com	\$93,471.50	

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Project Bid Results

BRIDGE 2-22 EAST RIVER PEDESTRIAN BRIDGE B-5-376 (OVERLAY AND STEEL REPAIRS) (Quest project #8164234)

owner: Green Bay WI, City of
100 N Jefferson Street
Room 300
Green Bay , WI 54301
ph: 920-448-3100
fax: 920-448-3102
contact: Steven Grenier, P.E.
e-mail: stevengr@greenbaywi.gov

soliciting agent: Green Bay WI, City of
contact: Kayla Wasielewski
phone: 920-448-3134
e-mail: kaylaw@greenbaywi.gov
bid date: 04/19/2022 02:00 PM CDT

award date:

comments:

award status: Pending

bid result/award information: (no information presently available)

letting bid tabulation: [view](#)

Company/Contact	Phone/e-mail	Amount	Awarded
Norcon Corporation Tiare M. Penrose	7153595808 norcon@norconcorp.com	\$306,988.00	
Zenith Tech, INC. bridge JASON SAMZ	715-241-6992 ztiquote@zenithtechinc.com	\$464,665.00	

[Previous](#) [Next](#) [Close Window](#)
[Print Results](#)

Project Bid Results

RESURFACING 3-22 (INCLUDING SEWER & WATER) (Quest project #8164219)

owner: Green Bay WI, City of
 100 N Jefferson Street
 Room 300
 Green Bay , WI 54301
 ph: 920-448-3100
 fax: 920-448-3102
 contact: Steven Grenier, P.E.
 e-mail: stevengr@greenbaywi.gov

soliciting agent: Green Bay WI, City of
 contact: Jeffrey Bodoh
 phone: 920-448-3096
 e-mail: jeff.bodoh@greenbaywi.gov
 bid date: 04/19/2022 02:00 PM CDT

award date:

comments:

award status: Pending

bid result/award information: (no information presently available)

letting bid tabulation: [view](#)

Company/Contact	Phone/e-mail	Amount	Awarded
Advance Construction Inc. Paul Kultgen	920-434-3978 pkultgen@advconst.net	\$2,441,405.66	
PTS Contractors, Inc Jeannie Petasek	920-468-5217 JPetasek@PTSCcontractors.net	\$2,560,000.00	
Dorner Inc. Tina Aschenbrenner	920-845-2442 tina.asch@dornerinc.com	\$2,571,588.22	
DE GROOT, INC. MARK DE GROOT	920-866-2348 mark@degrootinc.com	\$2,626,571.09	
Jossart Brothers, Inc. Jason Hermsen	920-339-8500 jasonh@jossartbrothers.com	\$2,668,827.50	



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # E.6

Report of actions taken by Department of Public Works.

A. Granting of Licenses

I. Sidewalk Builder

- a. AAE Concrete
- b. American Custom Concrete
- c. Bath Concrete Flatwork LLC
- d. Carter Trucking & Excavating Inc.
- e. Evraets Concrete Construction LLC
- f. Kurowski Construction LLC
- g. Melnarik Concrete Inc.
- h. MP Concrete LLC
- i. Total Construction / Joe Mains Concrete

2. Tree & Brush Trimmer

- a. Jason's Tree Service / Lowney's Landscaping

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # F.I

Director's Report on recent activities of the Public Works Department.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

April 27, 2022

PREPARED BY

AGENDA ITEM # F.2

The next Improvement and Services Committee meeting is scheduled for May 11, 2022.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None