

**COMMISSION FILE NO:** 21-083-6 **DATE INTRODUCED:** June 14, 2021

**INTRODUCED BY:** Executive Director (Signature on File in the Office of the Commission)

**REFERRED BY COMMISSION CHAIRPERSON TO:** Operations Committee

**RELATING TO:** Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69, G98004P72, G98004P78, G98004P80, and G98004P81

**SUMMARY:**

The Commission is requested to authorize the Executive Director to approve five projects, G98004P69, G98004P72, G98004P78, G98004P80, and G98004P81, under the 2021 Green Infrastructure Partnership Program (GIPP) in a total amount not to exceed \$1,863,260. The 2021 GIPP funding was allocated in the approved 2021 Capital and Operations and Maintenance budgets. Thirteen additional project awards, G98004P65, G98004P66, G98004P67, G98004P68, G98004P70, G98004P71, G98004P73, G98004P74, G98004P75, G98004P76, G98004P77, G98004P79, and G98004P82, are within the Executive Director's authority and, therefore, are not requested for Commission approval. They are included in this document for reference only.

The primary goals of this program are to meet the 50-million-gallon green infrastructure (GI) goal in the five-year Wisconsin Pollutant Discharge Elimination System permit, support the District's 2035 Vision, implement the Regional Green Infrastructure Plan, and continue progress toward the goal of providing 740 million gallons of stormwater capture capacity in any given storm by 2035. Additionally, this program helps to form mutually beneficial partnerships to generate quantitative data on the effectiveness of GI in managing stormwater runoff in the District's service area and qualitative data on the implementation and feasibility of various GI practices.

The District received 23 applications from private property owners, municipalities, and developers in response to the District's notice and application.

**ATTACHMENTS:** **BACKGROUND** ☒ **KEY ISSUES** ☐ **RESOLUTION** ☒  
**FISCAL NOTE** ☒ **S/W/MBE** ☐ **OTHER** ☐ \_\_\_\_\_

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**COMMITTEE ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**COMMISSION ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

## SUMMARY (Cont'd)

Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69, G98004P72, G98004P78, G98004P80, and G98004P81

The following projects and partners are recommended for funding and are requested for Commission approval:

Project Name	Applicant	Award Amount	Project Number
University of Wisconsin-Milwaukee (UWM) Innovation Campus	Innovation Park Development Partners, LLC	\$243,794	G98004P69
Oak Creek Athletic Field Turf Conversion	Milwaukee Area Technical College (MATC)	\$ 636,063	G98004P72
Brown Deer Road and Stormwater Management/Phase Three	Milwaukee County Department of Parks, Recreation, and Culture	\$168,047	G98004P78
St. Anthony School Green Space Initiative	St. Anthony School Milwaukee	\$635,806	G98004P80
1300 Glenview Place, Wauwatosa, WI	General Capital Group and Joseph Property Development	\$179,550	G98004P81
Total		\$1,863,260	

These projects are summarized below:

### **UWM Innovation Campus – submitted by Innovation Park Development Partners, LLC (G98004P69)**

UWM Innovation Campus is a mixed-use development located on approximately 89 acres in the City of Wauwatosa's Life Sciences District. The proposed development will be an environmentally and economically sustainable office, technology, and high value employment-oriented campus. The project includes a large, 69,000-square-foot green roof along with native landscaping that will augment existing stormwater management features as part of a treatment train.

Location: 9401 Watertown Plank Road, Wauwatosa, WI 53226

Gallons Captured: 125,022

GI Strategies: Native landscaping and green roof.

## **SUMMARY (Cont'd)**

Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69, G98004P72, G98004P78, G98004P80, and G98004P81

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### **Oak Creek Athletic Field Turf Conversion – submitted by MATC (G98004P72)**

MATC is embarking on a multiphase upgrade of the athletic field at the Oak Creek Campus. The project will greatly improve the playability of the field used by the school's softball and baseball teams, while providing a significant volume of stormwater runoff storage. The project is in alignment with MATC's commitment to promoting sustainability, resilience, and carbon neutrality in their academic programs and facilities.

Location: 6665 S. Howell Avenue, Oak Creek, WI 53154

Gallons Captured: 326,186

GI Strategies: Athletic turf field with subsurface cistern storage.

### **Brown Deer Road and Stormwater Management/Phase Three – submitted by Milwaukee County Department of Parks, Recreation, and Culture (G98004P78)**

This proposed project is part of a \$6.5 million, three-phase capital development effort to completely reconstruct the interior loop roadway, the clubhouse circular drive and parking lot, and the boathouse loop road at Brown Deer Park. The project will also improve the service yard to provide better drainage and incorporate environmental and safety upgrades. Stormwater best management practices, GI, plantings of native trees and shrubs, and vegetation management are incorporated into the site plan.

Location: 7835 N. Green Bay Road, Milwaukee, WI 53209

Gallons Captured: 86,178

GI Strategies: Native landscaping, porous pavement, stormwater trees, and bioswales.

### **St. Anthony School Green Space Initiative – submitted by St. Anthony School Milwaukee (G98004P80)**

Located in a largely industrial neighborhood next to Mitchell International Airport, St. Anthony High School seeks to develop the surrounding parking lot to create a green space for their students and the nearby neighborhoods. The school currently serves 504 low income, largely Hispanic students. Their project will transform a vast area of weathered asphalt into a soil-amended grassy area providing students with an athletic field to play soccer and have physical education class, as well as an outdoor Socratic classroom including stepped bench seating and picnic benches. The current parking area will be replaced with over 100,000 square feet of porous pavement.

Location: 4807 S. 2nd Street, Milwaukee, WI 53207

Gallons Captured: 359,877

GI Strategies: Native landscaping, porous pavement, rain barrels, stormwater trees, rain garden, soil amendments, and pavement removal.

## **SUMMARY (Cont'd)**

Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69, G98004P72, G98004P78, G98004P80, and G98004P81

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### **1300 Glenview Place, Wauwatosa, WI – submitted by General Capital Group and Joseph Property Development (G98004P81)**

This project is a multifamily residential redevelopment of an approximately 10-acre site currently occupied by a number of industrial buildings. In addition to reducing the direct flow to the Menomonee River, the project will reduce the impervious areas on site by approximately 160,000 square feet. An onsite proposed connection to Oak Leaf Trail network will allow hundreds of residents a day to physically experience and learn about the improvements.

Location: 1300 Glenview Place, Wauwatosa, WI 53213

Gallons Captured: 101,000

GI Strategies: Native landscaping, porous pavement, and pavement removal.

## SUMMARY (Cont'd)

Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69,  
G98004P72, G98004P78, G98004P80, and G98004P81

The following projects and partners are included for reference only. They are within the Executive Director's authority and are not requested for Commission approval:

<b>Project Name</b>	<b>Applicant</b>	<b>Award Amount</b>	<b>Project Number</b>
Abbot Row Green Infrastructure	Abbot Row Corporation	\$54,970	G98004P65
Astor Court Condominium Green Infrastructure Improvements	Astor Court at East Pointe Condominium Association	\$45,365	G98004P66
West Morgan Avenue and South Honey Creek Drive Bioswales	City of Milwaukee	\$120,200	G98004P67
Marquette University College of Business Administration	Marquette University	\$75,000	G98004P68
Greenvale Storm Water Drainage Improvement	Village of Fox Point	\$69,383	G98004P70
2021 Road and Utility Project	Village of Fox Point	\$17,429	G98004P71
Green and Healthy Schools - Franklin	Milwaukee Board of School Directors on behalf of Benjamin Franklin School	\$104,776	G98004P73
Green and Healthy Schools - Hawthorne	Milwaukee Board of School Directors on behalf of Nathaniel Hawthorne School	\$113,755	G98004P74
Green and Healthy Schools - Neeskara	Milwaukee Board of School Directors on behalf of Neeskara School	\$117,065	G98004P75
Green and Healthy Schools - Zablocki	Milwaukee Board of School Directors on behalf of Clement J. Zablocki School	\$112,126	G98004P76
McKinley Marina Parking Lots Reconstruction and Site Improvements - Phase 2	Milwaukee County Department of Parks, Recreation and Culture	\$147,291	G98004P77
Green and Healthy Schools - Hayes	Milwaukee Board of School Directors on behalf of Hayes Bilingual School	\$102,944	G98004P79

### SUMMARY (Cont'd)

Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69,  
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Project Name	Applicant	Award \$	Project Number
2022 Hubbard Park Parking Lot Reconstruction	Village of Shorewood	\$51,605	G98004P82
NOTE: Commission approval not requested for these projects	<b>Total</b>	\$1,131,908	

## **BACKGROUND**

Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69, G98004P72, G98004P78, G98004P80, and G98004P81

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This program provides funding support for a series of GI projects to demonstrate the importance of GI as a sustainable practice in managing the volume, rate, and quality of stormwater runoff. These projects may also catalyze more widespread GI strategies that can benefit the operation of municipal storm and sanitary sewers and the MMSD system. They may also provide potential added benefits to the award partners, including energy savings, reduction of the urban heat island effect, improved aesthetics, improved air quality, and improved water quality.

Partners were selected based on:

- The visibility of the projects and their benefits to the public (public accessibility).
- Partner match, commitment to outreach, and job training.
- Demonstration of a long-term commitment to the projects (maintenance).

The partners chosen through the request for application and evaluation process will share funding responsibility (cost share) with the District. The partner share includes costs associated with the design and construction, monetary contributions, and long-term commitments to maintain the projects. Through this program, the District can leverage significant money for GI.

The District's 2020 Facilities Plan recommended stormwater management demonstration projects to determine best practices that the District could recommend. The GIPP allows for a wide array of GI practices to be used to manage stormwater. Projects are evaluated from a qualitative standpoint post-construction, and that information is reported in District publications.

Projects qualifying for funding from the capital budget must have a total project value of \$25,000 or more, and the District maintains a permanent conservation easement or maintenance covenant on the project for 11 to 20 years.

## **RESOLUTION**

Approval of 2021 Green Infrastructure Partnership Program Projects G98004P69,  
G98004P72, G98004P78, G98004P80, and G98004P81

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**RESOLVED**, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to approve five projects, G98004P69, G98004P72, G98004P78, G98004P80, and G98004P81, under the 2021 Green Infrastructure Partnership Program, and that the Executive Director is directed to execute contracts and agreements for the projects in a total amount not to exceed \$1,863,260.