



COMMISSION FILE NO: 24-096-7 **DATE INTRODUCED:** July 8, 2024

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

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Approval of 2024 Green Solutions Program Projects G98005P99 Change Order 1, G98005P129 Change Order 1, G98005P153, and G98005P156

SUMMARY:

The Commission is requested to authorize the Executive Director to approve four projects, G98005P99 Change Order 1, G98005P129 Change Order 1, G98005P153, and G98005P156, under the 2024 Green Solutions Program in a total amount not to exceed \$1,666,614. The 2024 Green Solutions Program funding was allocated in the approved 2024 Capital Budget.

The primary goals of this program are to contribute toward meeting the 50-million-gallon green infrastructure (GI) goal in the five-year Wisconsin Pollutant Discharge Elimination System permit, continue progress toward the District’s 2035 Vision goal of providing 740 million gallons of GI capture capacity in any given storm by 2035, implement the Regional GI Plan, and support Commission Policy 1-01.14, Comprehensive Environmental Management. Additionally, this program helps to form mutually beneficial partnerships to further awareness of the importance of implementing GI to contribute toward a climate resilient community.

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

| Project Name | Applicant | Amount \$ | Project Number |
|-------------------------------|----------------------|--------------------|---------------------------|
| 2022 Green Alleys | City of Wauwatosa | \$129,963 | G98005P99 Change Order 1 |
| 116 th Street Park | City of Wauwatosa | \$548,236 | G98005P129 Change Order 1 |
| Bradley Road Bioswales | Village of Fox Point | \$505,790 | G98005P153 |
| Police Station Phase 2 | City of Oak Creek | \$482,625 | G98005P156 |
| | Total | \$1,666,614 | |

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 2024 Green Solutions Program Projects G98005P99 Change Order 1, G98005P129 Change Order 1, G98005P153, and G98005P156

2022 Green Alleys, submitted by City of Wauwatosa (G98005P99 Change Order 1)

The total amount of alley area to be removed and replaced is approximately 9,800 square feet, of which approximately 8,000 square feet will consist of porous asphalt and 1,800 square feet will consist of permeable pavers. Stormwater runoff from the adjacent land use, such as garages and surface runoff, will percolate through the pavers and porous asphalt and into the storage area.

Locations: North of West Chambers Street, between North 122nd Street and North 124th Street (Alley 1); north of West North Avenue, between North Lefebber Avenue and North 73rd Street (Alley 2) in Wauwatosa, WI

Gallons Captured: 7,800
GI Strategy: Permeable Pavement

116th Street Park, submitted by City of Wauwatosa (G98005P129 Change Order 1)

The project includes the construction of a biofiltration basin, an engineered wetland, and porous pavement walkways throughout and surrounding the park to provide stormwater runoff storage and treatment that will drain to the existing wetlands nestled along the east side of the park limits. The project will include 339 stormwater trees capturing 8,475 gallons; 132,386 square feet of native landscaping capturing 52,954 gallons; and 57,500 square feet of porous pavement capturing 167,601 gallons.

Location: 116th Street and Gilbert Avenue, Wauwatosa, WI
Gallons Captured: 229,030
GI Strategy: Permeable Pavement, Stormwater Trees, and Native Landscaping

Bradley Road Bioswales, submitted by Village of Fox Point (G98005P153)

The project will install 21,500 square feet of bioswales along the roadway. The bioswale system will handle approximately 29 acres of drainage area and provide approximately 161,250 gallons of GI capture capacity. The project will also include installation of bioretention areas in the southwest quadrant of the intersection of Bradley Road at North Lake Drive. The proposed bioretention areas will provide approximately 181,926 gallons of stormwater capture.

Location: Southwest quadrant of the intersection of East Bradley Road at North Lake Drive, Fox Point, WI
Gallons Captured: 343,176
GI Strategy: Bioswales

SUMMARY (Cont'd)

Approval of 2024 Green Solutions Program Projects G98005P99 Change Order 1, G98005P129 Change Order 1, G98005P153, and G98005P156

Police Station Phase 2, submitted by City of Oak Creek (G98005P156)

GI improvements will be constructed at the City of Oak Creek Police Department consisting of repaving approximately 35,841 square feet of the existing conventional asphalt parking lot with a porous asphalt system. The project includes 35,841 square feet of porous asphalt pavement providing 107,523 gallons of GI capture capacity per storm.

Location: 301 West Ryan Road, Oak Creek, WI
Gallons Captured: 107,523
GI Strategy: Permeable Pavement

RESOLUTION

Approval of 2024 Green Solutions Program Projects G98005P99 Change Order 1, G98005P129 Change Order 1, G98005P153, and G98005P156

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to approve four projects under the 2024 Green Solutions Program, G98005P99 Change Order 1, G98005P129 Change Order 1, G98005P153, and G98005P156, and that the Executive Director is directed to execute contracts and agreements for these projects in a total amount not to exceed \$1,666,614.