



Green Solutions Funding Agreement G98005P06

Two Green Alleys

1. The Parties

This Agreement is between the Milwaukee Metropolitan Sewerage District (District), 260 West Seeboth Street, Milwaukee, Wisconsin 53204-1446, and the City of Milwaukee, Department of Public Works (Milwaukee), 841 North Broadway, Milwaukee, Wisconsin 53202.

2. Basis for this Agreement

- A. Wisconsin law authorizes any municipality to establish an intergovernmental cooperation agreement with another municipality for the furnishing of services (Wis. Stat. sec. 66.0301).
- B. The District is responsible for collecting and treating wastewater from locally-owned sewerage systems in the District's service area.
- C. During wet weather, stormwater enters the sewerage system, increasing the volume of wastewater the District must collect and treat.
- D. During wet weather, stormwater directly enters surface water, increasing pollution levels in those waterways and increasing the risk of flooding.
- E. Green infrastructure, such as constructed wetlands, rain gardens, green roofs, bioswales, and porous pavement, reduces the volume of stormwater in the sewerage system and the amount of pollutants discharged to surface waters.
- F. The District wants to expedite the amount of green infrastructure installed in its service area.
- G. Milwaukee plans to install green infrastructure that supports the District's green infrastructure goals.

3. Date of Agreement

This Agreement becomes effective immediately upon signature by both parties and ends when Milwaukee receives final payment from the District or when the parties terminate this Agreement according to sec. 14 of this Agreement.

4. District Funding

The District will reimburse Milwaukee for the cost of the project described in the attached project description (project), up to \$210,312. The District will provide funding after the District receives the Baseline Report and the Maintenance Covenant.

5. Location of Project

The project will be in two alleys bounded by the following streets:

- West Fairmount Ave, West Villard Ave, North 51st Blvd and North 53" St (N-S Leg); and
- West Burleigh St, West Chambers St, North 90th St and North 91" St.

6. Baseline Report

After completion of the project, Milwaukee will provide a Baseline Report using forms provided or approved by the District. The Baseline Report will include:

- A. a site drawing, showing the project as completed;
- B. a topographic map of the project site;
- C. design specifications for the project, including rainwater capture capacity (maximum per storm) and other information regarding runoff rate reduction or pollutant capture;
- D. a tabulation of the bids received, including bidder name and price;
- E. a copy of the executed construction contract;
- F. a legal description of the property where the project is located, including parcel identification numbers;
- G. photographs of the completed project;
- H. a maintenance plan;
- I. an outreach and education strategy, including a description of events or activities completed or planned;
- J. an itemization of all construction costs, with supporting documentation;
- K. a W-9 Tax Identification Number form;
- L. a Small, Veterans, Women, and Minority Business Enterprise Report; and
- M. an Economic Impact Report, showing the total number of people and the estimated number of hours worked on design and construction of the Project by Milwaukee's employees, contractors, consultants, and volunteers.

7. Procedure for Payment

Milwaukee will submit an invoice to the District for the amount to be reimbursed. The invoice will document all costs to be reimbursed. Invoices from consultants will provide: their hourly billing rates, if applicable; the hours worked, by individual; and a summary of the tasks accomplished.

Milwaukee will send the Baseline Report and the invoice to the following address.

Andrew Kaminski, Senior Project Manager
Milwaukee Metropolitan Sewerage District
260 West Seeboth Street
Milwaukee, Wisconsin 53204-1446

The District will not provide reimbursement until the Project is complete and the District has received all required deliverables.

8. Changes in the Project and Modifications to the Agreement

Any changes to the Project must be approved by the District in writing in advance. The District will not reimburse for work that is not described in the original project description unless Milwaukee obtains prior written approval from the District.

9. Modifications to this Agreement

Any modifications to this Agreement will be in writing and signed by both parties.

10. Project Maintenance

Milwaukee will maintain the Project for at least ten years. If the Project fails to perform as anticipated or if maintaining the Project is not feasible, then Milwaukee will provide a report to the District explaining the failure of the Project or why maintenance is not feasible. Failure to maintain the Project will make Milwaukee ineligible for future District funding until Milwaukee corrects maintenance problems.

11. Permits, Certificates, and Licenses

The Milwaukee is solely responsible for compliance with all federal, state, and local laws and any required permits, certificates, or licenses.

12. Procurement

Milwaukee must select professional service providers according to the ordinances and policies of Milwaukee. Milwaukee must procure all non-professional services, such as construction, sewer inspection, and post-construction restoration, according to State of Wisconsin statutes and regulations and the ordinances and policies of Milwaukee. Whenever work valued over \$25,000 is procured without the use of a public sealed bidding process, the District may request and Milwaukee must provide an opinion from a licensed attorney representing Milwaukee explaining why the procurement complies with State of Wisconsin law and the ordinances of Milwaukee.

13. Responsibility for Work, Insurance, and Indemnification

Milwaukee is solely responsible for planning, design, construction, and maintenance of the Project, including the selection of and payment for consultants, contractors, and materials.

The District will not provide any insurance coverage of any kind for the Project or the Milwaukee.

Milwaukee will defend, indemnify, and hold harmless the District and its Commissioners, employees, and agents against all damages, costs, liability, and expenses, including attorney's fees and related disbursements, arising from or connected with the planning, design, construction, operation, or maintenance of the Project.

14. Terminating this Agreement

The District may terminate this Agreement at any time before the commencement of construction. After the commencement of construction, the District may terminate this Agreement only for good cause, including, but not limited to, breach of this Agreement by Milwaukee. Milwaukee may terminate this Agreement at any time, but will not receive any payment from the District if Milwaukee does not complete the Project.

15. Maintenance Covenant

After the completion of construction, the District must receive a Maintenance Covenant from Milwaukee. The Maintenance Covenant will be limited to the Project. The term of the Maintenance Covenant will be ten years. Milwaukee will cooperate with the District to prepare the Maintenance Covenant.

16. Exclusive Agreement

This Agreement is the entire agreement between Milwaukee and the District for the project.

17. Severability

If a court holds any part of this Agreement unenforceable, then the remainder of the Agreement will continue in effect.

18. Applicable Law

The laws of the State of Wisconsin apply to this Agreement.

19. Resolving Disputes

If a dispute arises under this Agreement, then the parties will try to resolve the dispute with the help of a mutually agreed-upon mediator in Milwaukee County. The parties will equally share the costs and fees associated with the mediation, other than attorney’s fees. If the dispute is not resolved within 30 days after mediation, then either party may take the matter to court.

20. Notices

All notices and other communications related to this Agreement will be in writing and will be considered given as follows:

- A. when delivered personally to the recipient's address as stated in this Agreement; or
- B. three days after being deposited in the United States mail, with postage prepaid to the recipient's address as stated in this Agreement.

21. Independence of the Parties

This Agreement does not create a partnership. Milwaukee does not have authority to make promises binding upon the District or otherwise have authority to contract on the District's behalf.

22. Assignment

Milwaukee may not assign any rights or obligations under this Agreement without the District's prior written approval.

23. Public Records

Milwaukee will produce any records in the possession of Milwaukee that are subject to disclosure by the District pursuant to the State of Wisconsin’s Open Records Law, Wis. Stats. secs. 19.31 to 19.39. Milwaukee will indemnify the District against all claims, demands, or causes of action resulting from the failure to comply with this requirement.

Signatures on Next Page

**MILWAUKEE METROPOLITAN
SEWERAGE DISTRICT**

**CITY OF MILWAUKEE
DEPARTMENT OF PUBLIC WORKS**

By: _____

Kevin L. Shafer, P.E.
Executive Director

By: _____

Ghassan Korban, P.E.
Commissioner

Date: _____

Date: _____

Approved as to Form

By: _____

Attorney for the District

Green Solutions Funding Agreement G98005P06

Bradley Road Bioswales

Project Description

Milwaukee will construct two green alleys by installing permeable pavers in alleys in areas bounded by the following streets:

- West Fairmount Ave, West Villard Ave, North 51st Blvd and North 53" St (N-S Leg)
- West Burleigh St, West Chambers St, North 90th St and North 91" St

The total amount of alley area that will be removed and replaced is approximately 31,940 sq. ft., of which approximately 20% or 6,400 sq. ft. will be permeable paver area. As part of the project, the entire lengths of the alleys will be excavated and removed to install the pavers in the center 4-feet of each alley over a 4-inch strip of bedding layer placed over a 2-foot deep storage area of 1½ inch clean washed stone. The stone will be installed to capture and store stormwater. Storm water runoff from the adjacent land uses, such as garages and surface runoff, will percolate through the pavers and into the storage area.

For each green alley, a four-foot long, 6-inch diameter perforated underdrain will be installed at the top of the storage layer and be connected to either side of the existing catch basin located at the end of each alley to convey treated stormwater to the storm sewer system. The existing catch basin will also be used as an overflow structure.

Together, the two alleys will have a retention capacity of 190,000 gallons. The green infrastructure will remove 55% of the suspended solids in the runoff.

Schedule

Milwaukee will complete construction no later than December 31, 2018.

Budget

The total budget for the project is \$381,000. A detailed budget is in Figure 1.

Outreach and Education

Milwaukee will post educational signage at the Project site. This signage will acknowledge District funding for the Project. In addition, Milwaukee will describe the Project and its benefits in a community newsletter or web page.

Figure 1
Budget for
Alley bounded by W. Fairmount Ave, W Villard Ave, N 51st Blvd, N 53rd St (N-S Leg)

	Unit	Unit Price	Quantity	Total
Mobilization	L.S.	3,500.00	1	\$3,500
Finishing Roadway	L.S.	1,200.00	1	\$1,200
Barricading and Signing	L.S.	805	1	\$805
Cutting	C.Y.	22.84	1520	\$34,717
Pavement Removal	S.Y.	5.18	1,958	\$10,142
Concrete Walk and/or Driveway Removal	S.Y.	1.51	190	\$287
Sawing (Full Depth)	L.F	1.95	571	\$1,113
Variable Thickness Concrete Walk and/or Driveway	C.Y.	237	2	\$474
7 inch Concrete Alley Pavement	S.F.	35	1,582	\$55,370
Variable Thickness Concrete Base	C.Y.	180	2	\$360
Variable Thickness Asphalt Concrete	TONS	150	2	\$300
4 inch Crushed Stone Base	S.Y.	6.9	1,582	\$10,916
24 inches of 2 & 1/2 inch (ASTM #2) Crushed Stone Base	S.Y.	25	1,958	\$48,950
Gravel Filling	TONS	15	22	\$330
3/4" Bedding Stone	TONS	55.7	167	\$9,302
1/4" Bedding Stone	TONS	86.07	32	\$2,754
Sodding	S.Y.	30	118	\$3,540
Topsoil	C.Y.	150	7	\$1,050
Geotextile Fabric, Type DF	S.Y.	2.76	2,412	\$6,657
Sealing Pavement Joints and Cracks	S.Y.	1.11	1,582	\$1,756
Manhole/ Inlet Adjustment Type I	V.F.	222	1	\$222
Permeable Pavers	S.F.	4.61	3,380	\$15,582
Erosion Control	L.S.	238	1	\$238
Project Total				\$209,565
Project Totals for Green Alley Items				\$117,962

Figure 1
Budget for

Alley bounded by W. Burleigh St, W. Chambers St, N 90th St, and N 91st St

Item	Unit	Unit Price	Quantity	Total
Mobilization	L.S.	3,500.00	1	\$3,500
Finishing Roadway	L.S.	1,200.00	1	\$1,200
Barricading and Signing	L.S.	805	1	\$805
Cutting	C.Y.	22.84	1,243	\$28,390
Sawing (Full Depth)		1.95	4	\$8
Variable Thickness Concrete Walk and/or Driveway	C.Y.	237	4	\$948
7 inch Concrete Alley Pavement	S.F.	35	1,335	\$46,725
Variable Thickness Asphalt Concrete Pavement		235	2	\$470
4 inch Crushed Stone Base	S.Y.	6.9	1,335	\$9,212
24 inches of 2 & 1/2 inch (ASTM #2) Crushed Stone Base	S.Y.	25	1,583	\$39,575
3/4" Bedding Stone	TONS	55.7	115	\$6,406
1/4" Bedding Stone	TONS	86.07	22	\$1,894
Sodding	S.Y.	30	41	\$1,230
Topsoil	C.Y.	150	2	\$300
Geotextile Fabric, Type DF	S.Y.	2.76	1,953	\$5,390
Sealing Pavement Joints and Cracks	S.Y.	1.11	1,335	\$1,482
Manhole/ Inlet Adjustment Type I	V.F.	222	4	\$888
Permeable Pavers	S.F.	4.61	2,320	\$10,695
Inlet Frame and Cover Type 55	EACH	650	2	\$1,300
Inlet Type A	EACH	5000	2	\$10,000
8-inch PVC Pipe	L.F.	75	10	\$750
Erosion Control	L.S.	238	1	\$238
Project Total				\$171,405
Project Totals for Green Alley Items				\$92,350