



Green Solutions Funding Agreement G98005P76

2021 Milwaukee 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's WPDES permit includes a goal of 50 million gallons of green infrastructure detention capacity.
- G. The District wants to expedite the amount of green infrastructure installed in its service area.
- H. 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 \$446,556. The District will provide funding after the District receives the Baseline Report and the Maintenance Covenant.

5. Location of the Project

The project will be in five alleys, within the areas described below, as shown in Attachments 6 through 10.

- A. West Congress Street, West Marion Street, North 61st Street, North 62nd Street.
- B. South Honey Creek Drive, South Madeline Avenue, West Parnell Avenue, West Ramsey Avenue.
- C. West Keefe Avenue, West Townsend Street, North 45th Street, North 46th Street.
- D. West Metcalf Place, West Townsend Street, North 89th Street, North 90th Street.
- E. West McKinley Avenue, West Vliet Street, North 20th Street, North 21st Street.

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, if a Maintenance Covenant is required;
- 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:

Andrew Kaminski, 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 Milwaukee 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.

**MILWAUKEE METROPOLITAN
SEWERAGE DISTRICT**

**CITY OF MILWAUKEE
DEPARTMENT OF PUBLIC WORKS**

By: _____
Kevin L. Shafer, P.E.
Executive Director

By: _____
Jeffrey S. Polenske, P.E.
Commissioner

Date: _____

Date: _____

Approved as to Form

By: _____
Attorney for the District

Green Solutions Funding Agreement G98005P76

2021 Milwaukee Green Alleys

Project Description

Milwaukee will install permeable pavers in five alleys, in the areas described below, as shown in Attachments 6 through 10.

- A. West Congress Street, West Marion Street, North 61st Street, North 62nd Street.
- B. South Honey Creek Drive, South Madeline Avenue, West Parnell Avenue, West Ramsey Avenue.
- C. West Keefe Avenue, West Townsend Street, North 45th Street, North 46th Street.
- D. West Metcalf Place, West Townsend Street, North 89th Street, North 90th Street.
- E. West McKinley Avenue, West Vliet Street, North 20th Street, North 21st Street.

The total amount of alley area that will be removed and replaced is approximately 52,722 sq. ft, of which approximately 20% or 10,753 sq. ft. consists of 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 2-1/2-inch clean washed stone. The stone will be installed to capture and store stormwater. Storm water runoff from the adjacent land use, 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.

This project will reduce the peak flow to the storm sewers in the project areas. The design detention capacity is approximately 315,000 gallons. The green alleys will remove at least 65% of total suspended solids.

Schedule

Milwaukee will complete work no later than December 31, 2021.

Budget

The projects are estimated to cost a total of \$871,229. For the green alley portion of the projects, the total cost is \$446,556. Attachments 1 to 5 provide budget details for each alley.

Outreach and Education

Milwaukee will post educational signage and describe the project and its benefits in a community newsletter or web page.

Educational materials will acknowledge District funding for the Project.

Signage will:

1. be either designed and provided by the District or provided by Milwaukee and approved by the District,
2. be at a location approved by the District, and
3. identify the District as funding the green infrastructure by name, logo, or both.

Attachment 1
Budget
Alley bounded by W. Congress St., W. Marion St., N. 61st St., N. 62nd St.

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
Mobilization	L.S.	1	7500	\$7,500.00
Finishing Roadway	L.S.	1	500	\$500.00
Barricading and Signing	L.S.	1	500	\$500.00
Cutting	C.Y.	1,154	30	\$34,620.00
Pavement Removal	S.Y.	1,300	11	14,300.00
Concrete Walk and/or Driveway	S.F.	10	25	\$250.00
Sawing (Full Depth)	L.F.	30	10	\$300.00
7 inch Concrete Alley Pavement	S.Y.	1,066	55	\$58,630.00
Variable Thickness Concrete Base	C.Y.	1	200	\$200.00
4 inch Crushed Stone Base	S.Y.	1,066	6	\$6,182.80
24 inches of 2 & 1/2 inch (ASTM #2)	S.Y.	1,300	25	\$32,500.00
3/4" Bedding Stone	TONS	104	50	5,200.00
1/4" Bedding Stone	TONS	20	50	1,000.00
Sodding	S.Y.	37	16	\$592.00
Topsoil	C.Y.	3	80	\$240.00
Geotextile Fabric, Type DF	S.Y.	1,602	4	6,408.00
Sealing Pavement Joints and Cracks	S.Y.	1,066	1	1,066.00
Manhole / Inlet REPAIR	V.F.			
Manhole / Inlet Adjustment Type I	EACH	2	600	1,200.00
Permeable Pavers	S.F.	2,100	10	21,000.00
Inlet, Type 44A	EACH			
8" PVC Pipe	L.F.			
Erosion Control	L.S.	1	500	\$500.00
PROJECT TOTAL				\$192,688.80
GREEN ALLEY ITEMS TOTAL				\$100,728.00

Attachment 2

Budget

Alley bounded by S. Honey Creek Dr., S. Madeline Av., W. Parnell Av., W. Ramsey Av.

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
Mobilization	L.S.	1	7,500	\$7,500.00
Finishing Roadway	L.S.	1	1,000	\$1,000.00
Barricading and Signing	L.S.	1	1,000	\$1,000.00
Cutting	C.Y.	1,483	25	\$37,075.00
Filling	C.Y.	9	50	\$450.00
Pavement Removal	S.Y.	1,875	10	\$18,750.00
Concrete Walk and/or Driveway	S.F.	300	6	\$1,800.00
Sawing (Full Depth)	L.F.	10	3	\$30.00
Sawing (Asphalt)	L.F.	88	3	\$264.00
7 inch Concrete Driveway	S.F.	300	10	\$3,000.00
Variable Thickness Concrete	C.Y.	1	250	\$250.00
7 inch Concrete Alley Pavement	S.Y.	1,562	55	\$85,910.00
Variable Thickness Asphalt	TONS	5	350	\$1,750.00
4 inch Crushed Stone Base	S.Y.	1,875	6	\$11,250.00
24 inches of 2 & 1/2 inch (ASTM	S.Y.	1,611	25	\$40,275.00
3/4" Bedding Stone	TONS	140	50	\$7,000.00
1/4" Bedding Stone	TONS	26	50	\$1,300.00
Sodding	S.Y.	125	15	\$1,875.00
Topsoil	C.Y.	7	80	\$560.00
Geotextile Fabric, Type DF	S.Y.	1,985	4	\$6,947.50
Pavement Grinding	S.Y.	32	10	\$320.00
Sealing Pavement Joints and Cracks	S.Y.	1,562	1	\$1,562.00
Manhole / Inlet Adjustment Type 1	EACH	2	600	\$1,200.00
Permeable Pavers	S.F.	2,820	10	\$28,200.00
Inlet, Type 44A	EACH			
8" PVC Pipe	L.F.			
Erosion Control	L.S.	1	500	\$500.00
PROJECT TOTAL				\$259,768.50
GREEN ALLEY ITEMS TOTAL				\$129,205.00

Attachment 3

Budget

Alley bounded by W. Keefe Av., W. Townsend St., N. 45th St., N. 46th St.

DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
Mobilization	L.S.	1	7500	\$7,500.00
Finishing Roadway	L.S.	1	1000	\$1,000.00
Barricading and Signing	L.S.	1	1000	\$1,000.00
Cutting	C.Y.	655	30	\$19,650.00
Pavement Removal	S.Y.	708	8	\$5,664.00
Sawing (Full Depth)	L.F.	10	3	\$30.00
Variable Thickness Concrete Walk	C.Y.	1	250	\$250.00
7 inch Concrete Alley Pavement	S.Y.	535	55	\$29,425.00
4 inch Crushed Stone Base	S.Y.	535	8	\$4,280.00
24 inches of 2 & 1/2 inch (ASTM #2)	S.Y.	708	25	\$17,700.00
Gravel Filling	TONS	10	25	\$250.00
3/4" Bedding Stone	TONS	77	50	\$3,850.00
1/4" Bedding Stone	TONS	15	50	\$750.00
Sodding	S.Y.	53	20	\$1,060.00
Topsoil	C.Y.	3	80	\$240.00
Geotextile Fabric, Type DF	S.Y.	940	4	\$3,760.00
Sealing Pavement Joints and Cracks	S.Y.	535	2	\$1,070.00
Manhole / Inlet Adjustment Type I	EACH	1	600	\$600.00
Permeable Pavers	S.F.	1560	10	\$15,600.00
Inlet, Type 44A	EACH			
8" PVC Pipe	L.F.			
Erosion Control	L.S.	1	500	\$500.00
PROJECT TOTAL				\$114,179.00
GREEN ALLEY ITEMS TOTAL				\$61,310.00

Attachment 4

Budget

Alley bounded by W. Metcalf Pl., W. Townsend St., N. 89th St., N. 90th St.

DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
Mobilization	L.S.	1	10000	\$10,000.00
Finishing Roadway	L.S.	1	2500	\$2,500.00
Barricading and Signing	L.S.	1	2500	\$2,500.00
Cutting	C.Y.	996	30	\$29,880.00
Pavement Removal	S.Y.	1255	10	\$12,550.00
Concrete Walk and/or Driveway	S.F.	5	6	\$30.00
Sawing (Full Depth)	L.F.	5	3	\$15.00
Variable Thickness Concrete Walk	C.Y.	1	250	\$250.00
7 inch Concrete Alley Pavement	S.Y.	1062	55	\$58,410.00
4 inch Crushed Stone Base	S.Y.	1062	6	\$6,372.00
24 inches of 2 & 1/2 inch (ASTM #2)	S.Y.	1256	25	\$31,400.00
Gravel Filling	TONS	10	25	\$250.00
3/4" Bedding Stone	TONS	87	50	\$4,350.00
1/4" Bedding Stone	TONS	17	50	\$850.00
Sodding	S.Y.	45	20	\$900.00
Topsoil	C.Y.	3	60	\$180.00
Geotextile Fabric, Type DF	S.Y.	1540	4	\$5,390.00
Sealing Pavement Joints and Cracks	S.Y.	1062	2	\$2,124.00
Manhole / Inlet Adjustment Type I	EACH	1	600	\$600.00
Permeable Pavers	S.F.	1750	10	\$17,500.00
Inlet, Type 44A	EACH			
8" PVC Pipe	L.F.			
Erosion Control	L.S.	1	500	\$500.00
PROJECT TOTAL				\$186,551.00
GREEN ALLEY ITEMS TOTAL				\$90,140.00

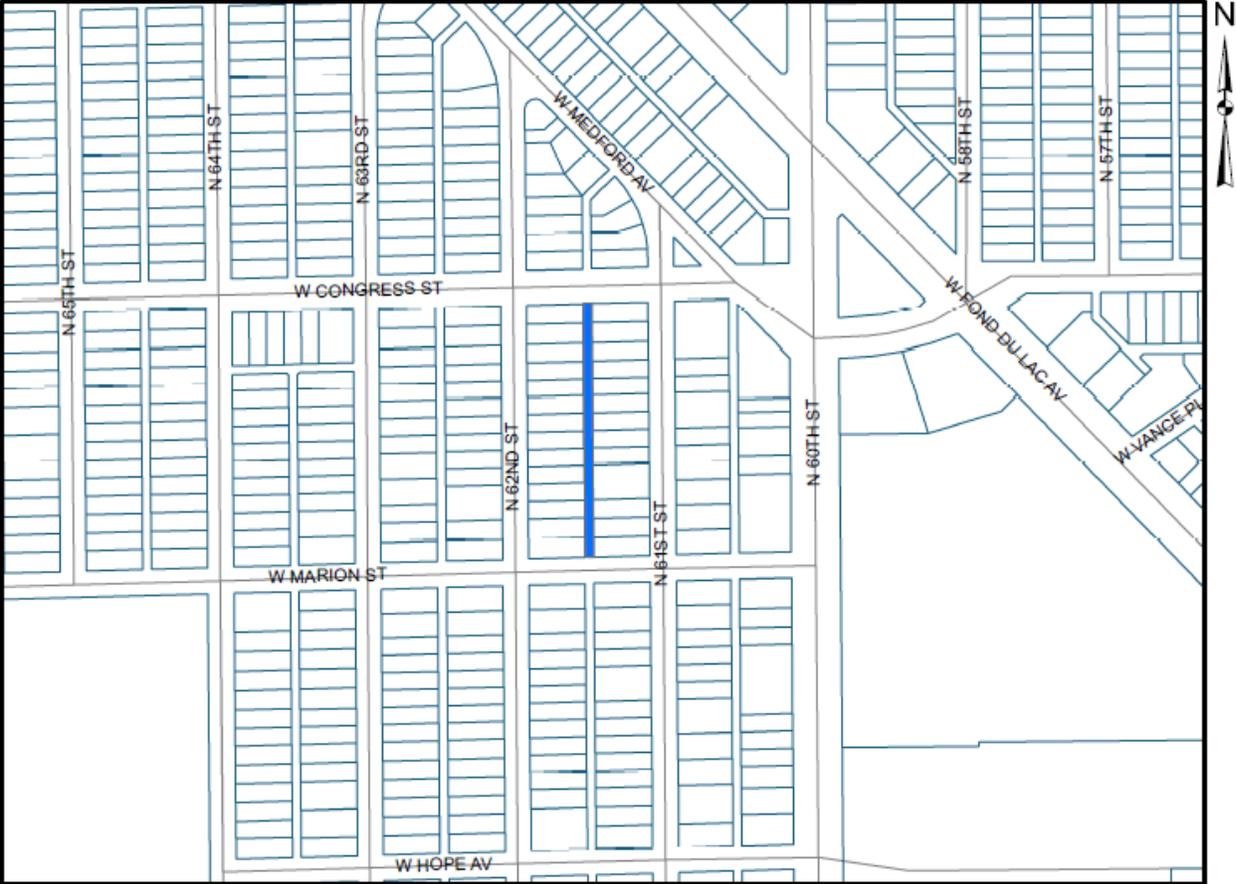
Attachment 5

Budget

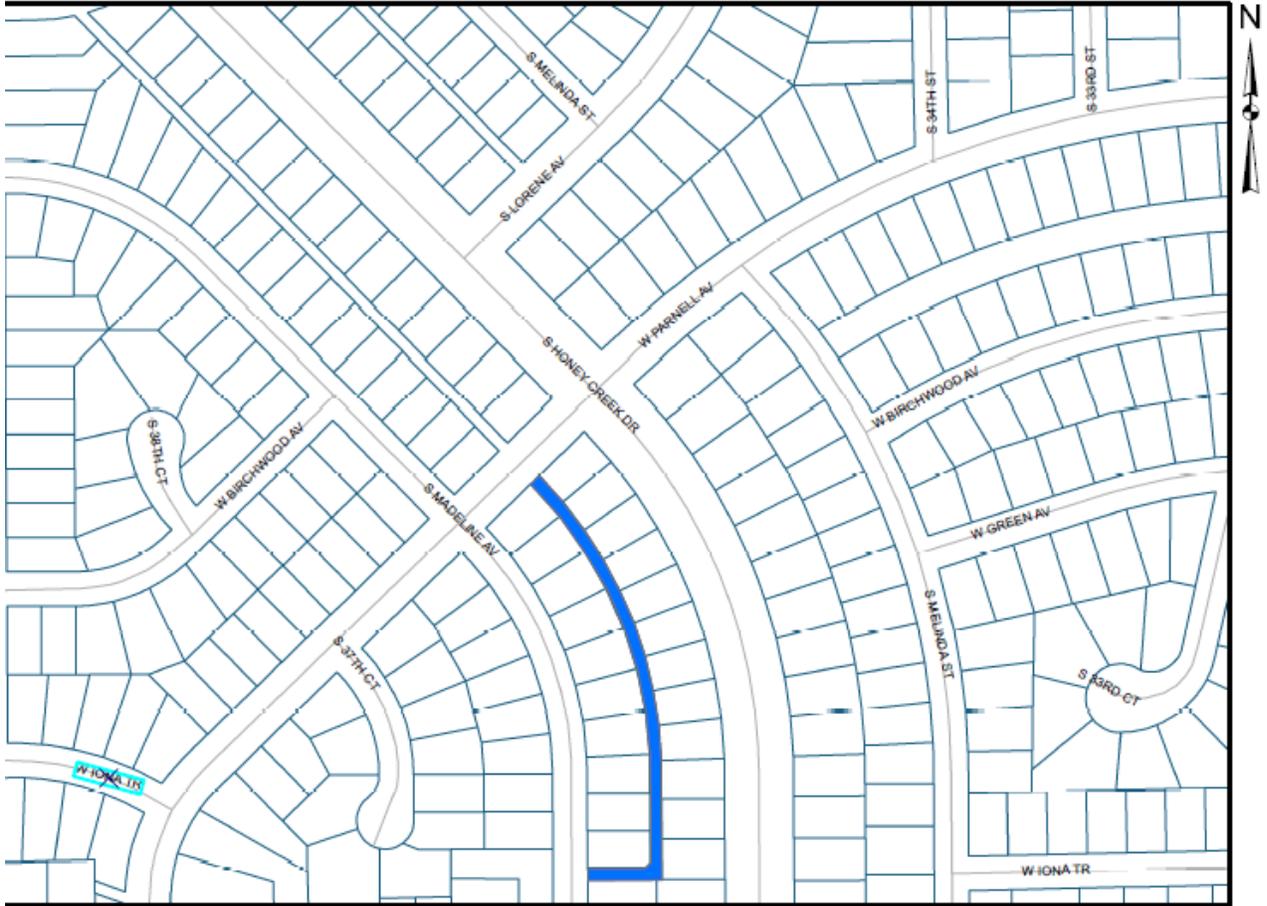
Alley bounded by W. McKinley Av., W. Vliet St, N. 21st St., N. 20th St.

DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
Mobilization	L.S.	1	7500	\$7,500.00
Finishing Roadway	L.S.	1	1000	\$1,000.00
Barricading and Signing	L.S.	1	1000	\$1,000.00
Cutting	C.Y.	655	31	\$20,305.00
Pavement Removal	S.Y.	708	8	\$5,664.00
Sawing (Full Depth)	L.F.	10	3	\$30.00
Variable Thickness Concrete Walk	C.Y.	1	250	\$250.00
7 inch Concrete Alley Pavement	S.Y.	535	55	\$29,425.00
4 inch Crushed Stone Base	S.Y.	535	8	\$4,280.00
24 inches of 2 & 1/2 inch (ASTM #2)	S.Y.	708	26	\$18,408.00
Gravel Filling	TONS	10	25	\$250.00
3/4" Bedding Stone	TONS	77	50	\$3,850.00
1/4" Bedding Stone	TONS	15	50	\$750.00
Sodding	S.Y.	53	20	\$1,060.00
Topsoil	C.Y.	3	80	\$240.00
Geotextile Fabric, Type DF	S.Y.	940	5	\$4,700.00
Sealing Pavement Joints and Cracks	S.Y.	535	2	\$1,070.00
Manhole / Inlet Adjustment Type I	EACH	1	600	\$600.00
Permeable Pavers	S.F.	1560	11	\$17,160.00
Inlet, Type 44A	EACH			\$0.00
8" PVC Pipe	L.F.			\$0.00
Erosion Control	L.S.	1	500	\$500.00
PROJECT TOTAL				\$118,042.00
GREEN ALLEY ITEMS TOTAL				\$65,173.00

Attachment 6
Alley bounded by West Congress St, West Marion St, North 61st St, North 62nd St



Attachment 7
Alley bounded by South Honey Creek Drive, South Madeline Ave, West Parnell Ave, and
West. Ramsey Ave



Attachment 8

Alley bounded by West Keefe Ave, West Townsend St, North 45th St, and North 46th St.



Attachment 9

Alley bounded by West Metcalf Place, West Townsend St, North 89th St, and North 90th St



Attachment 10
Alley bounded by West McKinley Ave, North 21st St, West Vliet St, and North 20th St

