

Project Information:

Project Name: 43rd Street Reconstruct

Address/City/State/Zip: 43rd Street, Between Grange Avenue and Layton Avenue

Type of green infrastructure installed (check all that apply):

- | | | |
|---|---|--|
| <input type="checkbox"/> Green Roofs | <input type="checkbox"/> Rain Barrels | <input type="checkbox"/> Rain Gardens |
| <input type="checkbox"/> Constructed Wetlands | <input type="checkbox"/> Cisterns | <input type="checkbox"/> Soil Amendments |
| <input type="checkbox"/> Native Landscaping | <input type="checkbox"/> Stormwater Trees | <input checked="" type="checkbox"/> Other, Bio-Retention |
| <input type="checkbox"/> Porous Pavement | <input type="checkbox"/> Bioswales | |

Area of specialty for this project (check all that apply):

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Design | <input checked="" type="checkbox"/> Landscaping | <input type="checkbox"/> Downspouts and Gutters |
| <input checked="" type="checkbox"/> Engineering | <input checked="" type="checkbox"/> Maintenance | <input checked="" type="checkbox"/> Inspection |
| <input type="checkbox"/> Construction | <input type="checkbox"/> Plumbing | |

Project (Property) Owner Information:

Owner's Name: Jeff Katz, P.E – City Engineer

Address/City/State/Zip: 7325 West Forest Home Avenue, Greenfield, WI 53220

Phone: 414.939.8322

Email: jeffk@greenfieldwi.us

Project Construction Information:

Construction Management Vendor: Kapur

Project Manager Name: Jeremy Schwartz

Project Manager's Vendor history: ☒ currently employed ☐ no longer employed ☐ other

Email: jschwartz@kapurinc.com

Contract information (if applicable): N/A

Final Contract Amount (contracted and amended if applicable): \$2,578,769 (total project construction cost); \$42,770 (green infrastructure cost)

Construction Start date (contracted): April 13, 2016

Construction Start date (actual): April 13, 2016

Construction End date (contracted): October 31, 2016

Construction End date (actual): October 31, 2016

Was the project completed on time? ☒ Yes ☐ No; Explanation:

Was the project completed on budget? ☒ Yes ☐ No; Explanation:

Was the project completed to the owner's satisfaction? ☒ Yes ☐ No; Explanation:





Project Description (Be sure to include cost information, photos, and a detailed description of the work performed by the Vendor applicant): The City of Greenfield retained Kapur to reconstruct 43rd Street, from Grange Avenue to Layton Avenue. The City and Kapur take a proactive approach to stormwater quantity and quality. During the project design, open space at Creekwood Park was identified as a potential area for a bio-retention facility to provide additional storage, improve stormwater quality, and promote infiltration. Several design constraints required unique design solutions. The existing 36-inch storm sewer pipe that would route stormwater into the proposed bio-retention facility was lower than elevation of the park open area. The water level in the creek was higher than the proposed bio-retention outlet pipe. Kapur designed a unique diversion structure to raise the water level in the existing 36-inch storm sewer, without adversely impacting adjacent properties, ultimately diverting water into the proposed bio-retention facility. Kapur analyzed and designed an outlet pipe, that would allow stormwater to discharge to the creek, but would prevent water from the creek backflowing into the bio-retention facility when the creek was flooded. This required an analysis of water levels and hydraulic grade lines in the creek and bio-retention facility during various storm events. A backflow preventer was also installed in the outlet pipe. Kapur applied and successfully obtained a Green Infrastructure Partnership Plan (GIPP) from MMSD on behalf of the City of Greenfield. Kapur provided design plans, construction management, and inspection services for the installation of this bio-retention facility. The proposed construction cost was \$42,770 and the project was completed on time and within budget.

Customer Service Approach

Please provide a description of your firm's customer service approach. This section should give the reviewer a good idea of how conflicts with clients are resolved or how issues that arise during work are resolved. Please provide your customer service approach and at least one example of how your firm has implemented this approach. Kapur's approach is to listen to a client's vision for a proposed project then develop a design that is cost effective, environmentally beneficial, and sustainable. Stormwater quantity and quality are of concern to all municipalities in southeastern Wisconsin. Often, green infrastructure is more cost effective than grey storage/treatment systems and provides more environmental benefits. Kapur works to provide quality design services that focus on reducing stormwater run-off and improving its quality by implementing green infrastructure. Kapur identifies situations where green infrastructure is the preferable method for stormwater management. We then work with our client to implement these practices in such a way that project stormwater goals are achieved while the environmental and sustainable goals are simultaneously actualized.



Project Information:

Project Name: ABB Inc. Regional Headquarters

Address/City/State/Zip: 1425 Discovery Parkway, Wauwatosa, WI 53226

Type of green infrastructure installed (check all that apply):

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Green Roofs | <input type="checkbox"/> Rain Barrels | <input type="checkbox"/> Rain Gardens |
| <input type="checkbox"/> Constructed Wetlands | <input type="checkbox"/> Cisterns | <input type="checkbox"/> Soil Amendments |
| <input checked="" type="checkbox"/> Native Landscaping | <input type="checkbox"/> Stormwater Trees | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> Porous Pavement | <input type="checkbox"/> Bioswales | |

Area of specialty for this project (check all that apply):

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Design | <input checked="" type="checkbox"/> Landscaping | <input type="checkbox"/> Downspouts and Gutters |
| <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Maintenance | <input checked="" type="checkbox"/> Inspection |
| <input type="checkbox"/> Construction | <input checked="" type="checkbox"/> Plumbing | |

Project (Property) Owner Information:

Owner's Name: ABB Inc.

Address/City/State/Zip: 1425 Discovery Parkway, Wauwatosa, WI 53226

Phone: 262.785.3200

Email:

Project Construction Information:

Construction Management Vendor: Kapur

Project Manager Name: Kevin Byrne

Project Manager's Vendor history: ☒ currently employed ☐ no longer employed ☐ other

Email: kbyrne@kapurinc.com

Contract information (if applicable): N/A

Final Contract Amount (contracted and amended if applicable):

Construction Start date (contracted): Summer 2013

Construction Start date (actual): Summer 2013

Construction End date (contracted): Fall 2014

Construction End date (actual): Fall 2014

Was the project completed on time? ☒ Yes ☐ No; Explanation:

Was the project completed on budget? ☒ Yes ☐ No; Explanation:

Was the project completed to the owner's satisfaction? ☐ Yes ☒ No;

Explanation: In regard to the permeable pavers, the blocks selected, provided by a local manufacturer, have too large a gap between blocks and are causing issues with users wearing high heels. Also, heaving issues have occurred because the permeable blocks do not interlock. Besides these issues, the owner has been very satisfied with the results of the project for the permeable paver, the green roof, and the native landscape.





Project Description (Be sure to include cost information, photos, and a detailed description of the work performed by the Vendor applicant): Designed, engineered, and provided construction drawings and oversight for the installation of a tray system green roof, native landscape, and permeable pavement with underground detention.



Project Information:

Project Name: Flow Path Model and Green Infrastructure Design

Address/City/State/Zip: Eastside of King Road, between Ellsworth Lane and Rexleigh Drive, Bayside, WI

Type of green infrastructure installed (check all that apply):

- | | | |
|---|---|---|
| <input type="checkbox"/> Green Roofs | <input type="checkbox"/> Rain Barrels | <input checked="" type="checkbox"/> Rain Gardens |
| <input type="checkbox"/> Constructed Wetlands | <input type="checkbox"/> Cisterns | <input checked="" type="checkbox"/> Soil Amendments |
| <input type="checkbox"/> Native Landscaping | <input type="checkbox"/> Stormwater Trees | <input type="checkbox"/> Other |
| <input type="checkbox"/> Porous Pavement | <input checked="" type="checkbox"/> Bioswales | |

Area of specialty for this project (check all that apply):

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Design | <input checked="" type="checkbox"/> Landscaping | <input type="checkbox"/> Downspouts and Gutters |
| <input checked="" type="checkbox"/> Engineering | <input checked="" type="checkbox"/> Maintenance | <input checked="" type="checkbox"/> Inspection |
| <input type="checkbox"/> Construction | <input type="checkbox"/> Plumbing | |

Project (Property) Owner Information:

Owner's Name: Andy Pederson-Village Manager

Address/City/State/Zip: 9075 North Regent Road, Bayside, WI 53217

Phone: 414.206.3925

Email: apederson@baysidewi.gov

Project Construction Information:

Construction Management Vendor: Kapur

Project Manager Name: Jeremy Schwartz

Project Manager's Vendor history: ☒ currently employed ☐ no longer employed ☐ other

Email: jschwartz@kapurinc.com

Contract information (if applicable): N/A

Final Contract Amount (contracted and amended if applicable): \$28,900 (green infrastructure construction cost)

Construction Start date (contracted): June 14, 2018

Construction Start date (actual): June 14, 2018

Construction End date (contracted): July 9, 2018

Construction End date (actual): August 8, 2018

Was the project completed on time? ☒ Yes ☐ No; Explanation:

Was the project completed on budget? ☒ Yes ☐ No; Explanation:

Was the project completed to the owner's satisfaction? ☒ Yes ☐ No; Explanation:





Project Description (Be sure to include cost information, photos, and a detailed description of the work performed by the Vendor applicant): The Village of Bayside retained Kapur to identify areas within the Village that are subject to flooding and develop a public outreach program to encourage residents to implement green infrastructure. Kapur and the Village hosted two public information meetings to present the benefits and construction costs associated with green infrastructure. Approximately 100 people attended each meeting inquiring about green infrastructure and how it could benefit their property. Kapur prepared a presentation about green infrastructure, then provide a question and answer session for residents' questions that were specific to their property. The goal of the presentation was to provide residents with alternatives to improve drainage within each neighborhood. As part of this program, Kapur designed and managed the construction of three (3) prototype green devices, namely, a bio-swale, soil amendments, and a rain garden so residents could see firsthand how each green infrastructure device would function and look. The proposed construction cost was \$28,900 and the project was completed on time and within budget. A Fund for Lake Michigan Grant was obtained to fund the project.



Project Information:

Project Name: Zilber Park

Address/City/State/Zip: The Brewery, 9th Street between Juneau Avenue and Winnebago Avenue, Milwaukee, WI 53226

Type of green infrastructure installed (check all that apply):

- | | | |
|--|---|---|
| <input type="checkbox"/> Green Roofs | <input type="checkbox"/> Rain Barrels | <input type="checkbox"/> Rain Gardens |
| <input type="checkbox"/> Constructed Wetlands | <input type="checkbox"/> Cisterns | <input type="checkbox"/> Soil Amendments |
| <input checked="" type="checkbox"/> Native Landscaping | <input type="checkbox"/> Stormwater Trees | <input type="checkbox"/> Other, Underground Detention |
| <input type="checkbox"/> Porous Pavement | <input checked="" type="checkbox"/> Bioswales | |

Area of specialty for this project (check all that apply):

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Design | <input checked="" type="checkbox"/> Landscaping | <input type="checkbox"/> Downspouts and Gutters |
| <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Maintenance | <input checked="" type="checkbox"/> Inspection |
| <input type="checkbox"/> Construction | <input checked="" type="checkbox"/> Plumbing | |

Project (Property) Owner Information:

Owner's Name: The Brewery – Zilber Property Group

Address/City/State/Zip: 710 North Plankinton Avenue, Suite 1100, Milwaukee, WI 53203

Phone: 262.274.2623

Email:

Project Construction Information:

Construction Management Vendor: Kapur

Project Manager Name: Kevin Byrne

Project Manager's Vendor history: ☒ currently employed ☐ no longer employed ☐ other

Email: kbyrne@kapurinc.com

Contract information (if applicable): N/A

Final Contract Amount (contracted and amended if applicable):

Construction Start date (contracted): Summer 2009

Construction Start date (actual): Summer 2009

Construction End date (contracted): Fall 2009

Construction End date (actual): Fall 2009

Was the project completed on time? ☒ Yes ☐ No; Explanation:

Was the project completed on budget? ☒ Yes ☐ No; Explanation:

Was the project completed to the owner's satisfaction? ☒ Yes ☐ No; Explanation:





Project Description (Be sure to include cost information, photos, and a detailed description of the work performed by the Vendor applicant): Designed, engineered, and provided construction drawings and oversight for the installation of a bioswale.



Project Information:

Project Name: Brown Deer High School

Address/City/State/Zip: 8060 North 60th Street, Brown Deer, WI 53223

Type of green infrastructure installed (check all that apply):

- | | | |
|--|---|--|
| <input type="checkbox"/> Green Roofs | <input type="checkbox"/> Rain Barrels | <input checked="" type="checkbox"/> Rain Gardens |
| <input type="checkbox"/> Constructed Wetlands | <input type="checkbox"/> Cisterns | <input type="checkbox"/> Soil Amendments |
| <input checked="" type="checkbox"/> Native Landscaping | <input type="checkbox"/> Stormwater Trees | <input type="checkbox"/> Other |
| <input type="checkbox"/> Porous Pavement | <input checked="" type="checkbox"/> Bioswales | |

Area of specialty for this project (check all that apply):

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Design | <input checked="" type="checkbox"/> Landscaping | <input type="checkbox"/> Downspouts and Gutters |
| <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Maintenance | <input checked="" type="checkbox"/> Inspection |
| <input type="checkbox"/> Construction | <input checked="" type="checkbox"/> Plumbing | |

Project (Property) Owner Information:

Owner's Name: School District of Brown Deer

Address/City/State/Zip: 8200 North 60th Street, Brown Deer, WI 53223

Phone: 414.371.6750

Email:

Project Construction Information:

Construction Management Vendor: Kapur

Project Manager Name: Michael Froehlich

Project Manager's Vendor history: ☒ currently employed ☐ no longer employed ☐ other

Email: mfroehlich@kapurinc.com

Contract information (if applicable): N/A

Final Contract Amount (contracted and amended if applicable):

Construction Start date (contracted): Summer 2012

Construction Start date (actual): Summer 2012

Construction End date (contracted): Fall 2013

Construction End date (actual): Fall 2013

Was the project completed on time? ☒ Yes ☐ No; Explanation:

Was the project completed on budget? ☒ Yes ☐ No; Explanation:

Was the project completed to the owner's satisfaction? ☒ Yes ☐ No; Explanation:





Project Description (Be sure to include cost information, photos, and a detailed description of the work performed by the Vendor applicant): Designed, engineered, and provided construction drawings and oversight for the installation of a Bioretention cell and swale and native landscape.



Project Information:

Project Name: Zilber Park

Address/City/State/Zip: The Brewery, 10th Street between Juneau Avenue and McKinley Avenue, Milwaukee, WI 53226

Type of green infrastructure installed (check all that apply):

- | | | |
|--|--|--|
| <input type="checkbox"/> Green Roofs | <input type="checkbox"/> Rain Barrels | <input type="checkbox"/> Rain Gardens |
| <input type="checkbox"/> Constructed Wetlands | <input type="checkbox"/> Cisterns | <input type="checkbox"/> Soil Amendments |
| <input checked="" type="checkbox"/> Native Landscaping | <input checked="" type="checkbox"/> Stormwater Trees | <input checked="" type="checkbox"/> Other, Underground |
| <input checked="" type="checkbox"/> Porous Pavement | <input checked="" type="checkbox"/> Bioswales | Detention |

Area of specialty for this project (check all that apply):

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Design | <input checked="" type="checkbox"/> Landscaping | <input type="checkbox"/> Downspouts and Gutters |
| <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Maintenance | <input checked="" type="checkbox"/> Inspection |
| <input type="checkbox"/> Construction | <input checked="" type="checkbox"/> Plumbing | |

Project (Property) Owner Information:

Owner's Name: The Brewery – Zilber Property Group

Address/City/State/Zip: 710 North Plankinton Avenue, Suite 1100, Milwaukee, WI 53203

Phone: 262.274.2623

Email:

Project Construction Information:

Construction Management Vendor: Kapur

Project Manager Name: Kevin Byrne

Project Manager's Vendor history: ☒ currently employed ☐ no longer employed ☐ other

Email: kbyrne@kapurinc.com

Contract information (if applicable): N/A

Final Contract Amount (contracted and amended if applicable):

Construction Start date (contracted): Summer 2009

Construction Start date (actual): Summer 2009

Construction End date (contracted): Fall 2009

Construction End date (actual): Fall 2009

Was the project completed on time? ☒ Yes ☐ No; Explanation:

Was the project completed on budget? ☒ Yes ☐ No; Explanation:

Was the project completed to the owner's satisfaction? ☒ Yes ☐ No; Explanation:





Project Description (Be sure to include cost information, photos, and a detailed description of the work performed by the Vendor applicant): Designed, engineered, and provided construction drawings and oversight for the installation of a bioswale, stormwater management trees, underground detention, native landscape, porous aggregate surface, and underground detention.

