



**Missouri's  
Local  
Program**  
*for community  
development*

## COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal  
Name:

Shive-Hattery

Firm Contact Name:

Christine Beasley

Contact Email  
Address:

cbeasley@shive-hattery.com

Firm's Mailing Address:

2043 Woodland Pkwy, Suite 201, St. Louis,  
MO 63146

Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

Shive-Hattery has 8 years of endangered species and wetlands experience.

**TEDESCO ENVIRONMENTAL LEARNING CORRIDOR  
STORY COUNTY CONSERVATION | AMES, IA**

Shive-Hattery led a project team that was selected to provide master planning, design, permitting, and construction oversight services for the development of the new park space. A major goal of the project was to encourage and promote access to and interaction with the water. Story County Conservation understood that growing the public's interest for improved water quality starts with connecting people to our water resources. This was accomplished through stair access to the stream, gathering areas at the streambank, a stepping stone water crossing, and an outdoor amphitheater/classroom overlooking one of the stormwater wetlands.



**2022 HONOR AWARD - CATEGORY I: DESIGN**

American Society of Landscape Architects, Iowa Chapter

**2020 HONOR AWARD - SPECIAL PROJECTS CATEGORY**

American Council of Engineering Companies, Iowa Chapter



**LITTLE CREEK FARM STREAM RESTORATION + FISH PASSAGE  
THE NATURE CONSERVANCY | EAGLEVILLE, MO**

The Nature Conservancy in Missouri contracted with Shive-Hattery and our partners at LimnoTech to design and permit stream renovations on Little Creek and a tributary to Little Creek at their property located near Eagleville, Missouri. The project consists of stream work to re-establish fish passage, specifically for the known population of the endangered Topeka shiner (*Notropis topeka*) within the project area through the two culverts.

This project is in partnership with The Nature Conservancy, Missouri Department of Conservation, Missouri Department of Transportation and US Fish & Wildlife Service. It consists of construction of a rock ramp and boulder field on two separate reaches, about 300 feet each located on a perennial stream. Shive-Hattery conducted a stream assessment, topographic and in stream survey, and prepared construction documents for the project, which were bid in Winter 2021 for construction in Spring/Summer of 2022.



**DAKINS LAKE EXPANSION  
STORY COUNTY CONSERVATION | ZEARING, IA**

Story County Conservation increased the park size from 41.5 acres to 103 acres and decided to expand the lake and site amenities. Shive-Hattery completed a master plan concept for the expansion. It was determined the expansion would include quality recreational opportunities for a variety of park users: camping, fishing, trails, wetlands, playground and day use areas. The main project component is a new lake downstream of the existing lake.

Permitting included a U.S. Army Corps of Engineers 404/401 permit, DNR water storage permit, DNR floodplain permit, and DNR NPDES permit. As part of the mitigation for impacts to wetlands and waters of the US, a series of new wetlands and stream corridor were constructed above the new lake. The new stream corridor was designed using EPA guidelines which helps establish meandering and bank height ratios. The wetlands were designed to capture sediment from upstream farm land as well as reduce nutrient loading into the new lake.



**MORGAN CREEK TRAIL  
LINN COUNTY CONSERVATION | CEDAR RAPIDS, IA**

In 2016, Shive-Hattery authored the park master plan and collaborated with Linn County Conservation to refine and develop bid documents for a portion of the master plan's implementation. The design documents encompassed roadways, truss bridge design, the location of future park shelters and lodges, parking, utilities, accessible routes and trails, and water quality features such as bioswales, wetlands, and detention basins. Additionally, a wetland delineation study was conducted for an existing wetland.

A 3D visualization model was created to illustrate the proposed improvements to the Board, staff, and the general public. Throughout the design process, cost opinions and funding sources were investigated.

The bid for the Morgan Creek Trail project, which includes a 5,200 linear foot HMA trail and a 300' x 14' three-span steel truss prefabricated pedestrian bridge, came in at \$1.1M — \$263,000 under budget.





**JAKE WILSON, PWS**

**Environmental Scientist**

*12 years of experience*

Jake Wilson is an environmental scientist with 12 years of experience in environmental focused work. Jake frequently works with state and federal agencies, including the United States Army Corps of Engineers, to design and permit projects. He has vast experience and capacity to perform wetland delineations and habitat assessments. Jake also has a Bachelor's Degree in landscape architecture, which lends to successful design of mitigation plans.

**PROJECT EXPERIENCE**

- Story County Conservation – Tedesco Environmental Learning Corridor, Ames, IA
- Linn County Conservation | Morgan Creek Bridge, Cedar Rapids, IA
- Upper Iowa River Watershed Management Authority | Engineering Services, Winneshiek County, IA
- Emmet County Water Trails Association | Midway Access Wetland Delineation, Estherville, IA
- City of Hiawatha | North Basin Drainage, Hiawatha, IA
- Meskwaki Nation | Flood Control Basins Design, Tama, IA
- City of Ames | S 16th St. Widening, Ames, IA
- City of Cedar Falls | Green Hill Rd + S Main Street Improvements, Cedar Falls, IA
- City of Clinton | Bluff Blvd Corridor, Clinton, IA
- Story County Conservation – McFarland Lake Restoration, Ames, IA



**DAN JENSEN, PE**

**Civil Engineer**

*11 years of experience*

Dan is a civil engineer specializing in water resources and environmental engineering. His areas of expertise include rural stormwater best management practice design, permitting, construction services, lake restoration, floodplain review and permitting, stormwater drainage studies, and 1D/2D hydraulic analysis for rivers, streams, culverts and bridges.

**PROJECT EXPERIENCE**

- The Nature Conservancy | Little Creek Farm Stream Restoration, Eagleville, MO
- Linn County Conservation | Morgan Creek Bridge, Cedar Rapids, IA
- Iowa DOT Structures | Multiple H + H, Various Locations, IA
- UnityPoint Health | Stream Study, Ankeny, IA
- Poweshiek County Conservation | Diamond Lake Watershed Assessment, Montezuma, IA
- Meskwaki Nation | Flood Control Basins Design, Tama, IA
- Meskwaki Nation | Cattail Creek H + H Study, Tama, IA
- Iowa DNR | Big Creek and Brushy Creek Lake Beach Study, IA
- City of Bettendorf | Pigeon Creek Stabilization, Bettendorf, IA
- Black Hawk County Conservation | Casey Lake Restoration, La Porte City, IA
- Story County Conservation | McFarland Lake Restoration, Ames, IA



**KAYLA RUZICKA, PLA**

**Landscape Architect**

*10 years of experience*

Kayla has ten years of experience working across a diverse range of projects, from neighborhood parks to historic museums. Throughout her career, Kayla has successfully conceptualized and executed projects that enhance community engagement and environmental sustainability. Kayla's portfolio includes revitalizing urban parks, integrating sustainable practices to promote biodiversity, and creating serene retreats that harmonize seamlessly with their surroundings.

**PROJECT EXPERIENCE**

- Hoover Presidential Museum | Renovation + Addition, West Branch, IA
- City of Des Moines | SW 1st Pedestrian Bridge Improvements, Des Moines, IA
- Iowa Valley Community College | Student Housing Masterplan, Marshalltown, IA
- Lake Links Feasibility Study, White Bear, MN\*

\* Indicates work completed at another company



**ALYSSA IVERSON, PE**

**Environmental Engineer**

*5 years of experience*

Alyssa provides design support on constructed wetlands, flood and sediment control ponds, mine reclamation projects, and water and sediment control basins. Her area of focus is within water resources, rural best-management practice design and nonpoint-source pollution management. With an agricultural/biological systems engineering degree, Alyssa is able to provide clients with a unique background to help with many water resources needs.

**PROJECT EXPERIENCE**

- The Nature Conservancy | Little Creek Farm Stream Restoration, Eagleville, MO
- Iowa Department of Agricultural Land Stewardship | FP Wetland, Dike, IA
- Lake Panorama Rural Improvement Zone | Burchfield Cove Wetland #2, Panora, IA
- Upper Iowa River Watershed Management Authority | Engineering Services, Winneshiek County, IA



**MICHAEL OTTEN, PE**

**Civil Engineer**

*7 years of experience*

Michael has a passion for assisting both public and private clients with their stormwater infrastructure and water resources design. He assists design frequently on lake restorations, dredging sediment storage basins, rural best-management practices, and constructed wetlands. Michael also leads our hydrographic survey team to collect lake and pond bottom surface information that is utilized during design.

**PROJECT EXPERIENCE**

- Iowa DOT – Bridge Hydraulic Analysis, Various, IA
- Soil and Water Conservation Society – Water Quality Initiative Wetlands, Panora, IA
- Upper Iowa River Watershed Management Authority | Engineering Services, Winneshiek County, IA
- Iowa Department of Agricultural Land Stewardship – Nutrient Reduction Wetland Engineering, Various, IA
- Lake Panorama Rural Improvement Zone | Burchfield Cove Wetland #2, Panora, IA

Shive-Hattery has a strong track record of delivering federally funded transportation projects that meet the rigorous standards of agencies like FHWA, SHPO, DNR and state DOTs. Our team is well-versed in ADA compliance, and federal permitting processes, ensuring that each project moves forward smoothly and without delays. We understand the importance of aligning with federal regulations from the outset and we bring proven team members to navigate environmental reviews, utility coordination and stakeholder engagement. Our familiarity with federal expectations allows us to anticipate challenges early and deliver solutions that are both compliant and constructible. Here are some of the communities we have recently delivered transportation projects with federal aid:

- Cedar Rapids
- Clinton
- Coralville
- Davenport
- Fairfield
- Hiawatha
- Marion
- North Liberty
- Readlyn
- Iowa City
- Waukee



RAISE/BUILD Applications for City of Bondurant and City of Waukee

## FUNDING SOURCES WE HAVE HELPED OUR CLIENTS APPLY FOR AND ADMINISTER:

### Federal:

- Rebuilding America’s Infrastructure with Sustainability and Equity (RAISE)
- State Revolving Fund Sponsor Projects
- Surface Transportation Block Grant (STBG)
- Transportation Alternatives Set Aside (TASA)
- Community Funded Projects (US congress member requested funding)
- Federal Recreational Trail (FRT) Program
- Congestion Mitigation and Air Quality (CMAQ)
- Iowa Clean Air Attainment Program (ICAAP)

### State:

- Revitalize Iowa Sound Economy (RISE)
- Iowa DOT City Bridge Program
- IDALS Water Quality Initiative (WQI)
- State Recreational Trail (SRT) Program
- Traffic Engineering Assistance Program (TEAP)
- Urban-State Traffic Engineering Program (U-STEP)

Shive-Hattery is committed to being a responsive and reliable partner to MoDOT, regardless of location or project complexity. We use a combination of proven tools and proactive strategies to ensure seamless communication, document project expectations and deliver a great client experience:

#### • Biweekly Status Updates

Provide consistent visibility into progress, upcoming milestones, and emerging issues. The updates will keep MoDOT informed and empowered to make timely decisions and understand the current challenges and completed tasks.

#### • Monthly Project Management Meetings

These scheduled touchpoints allow for deeper discussion of project goals, challenges, and next steps. They foster alignment, strengthen relationships and ensure that MoDOT’s priorities remain front and center.

#### • Shared Bluebeam Sessions

Enable real-time collaboration on design documents, streamlining feedback and reducing turnaround time on reviews. Being able to get the timely feedback on a design decision has saved time on reducing the back and forth between design team and our client.

#### • Microsoft Teams

Supports quick communication, virtual meetings and centralized file sharing, making it easy for MoDOT to stay connected with our team. We have also been utilizing the AI features available for quick documentation of meetings to summarize key discussions.

Results from our third-party client feedback tool indicate we are above average when compared to others in our industry in 2025. We’ll never be 100% in each area – but because we discover early where any gaps may be, your project team is able to adjust and deliver better results, every time.

