



## KATIE WESTPHAL, PE, LEED AP BD+C, ENV SP

### Minnesota Civil Transportation Department Lead

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#### Years with the firm

5

#### Years total

20

#### Professional qualifications

Professional Engineer:  
Minnesota, 2010 (48357);  
Wisconsin, 2020 (48153)

LEED Accredited  
Professional Building  
Design + Construction: U.S.  
Green Building Council  
(USGBC), 2008

Envision Sustainability  
Professional (ENV SP):  
Institute for Sustainable  
Infrastructure, 2017

Stormwater Pollution  
Prevention Plan (SWPPP)  
Certification, 2011

#### Areas of practice

Project Management,  
Transportation, Civil Site  
Design, Grant Writing

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#### SUMMARY

With 20 years of experience, Katie brings expertise in project development, project management, quality management, and grant writing roles. She has worked with several departments of transportation, municipalities, agencies, and counties on transportation, urban reconstruction, and civil site design projects. Katie's extensive expertise and communication skills have allowed her to effectively lead and support multidisciplinary teams to provide consistent, high-quality deliverables.

#### EXPERIENCE

- **2021 RAISE Grant Application, Arterial Bus Rapid Transit (ABRT) Local Scope, Hennepin County, Minnesota:** project manager to assist the county in the application for local improvements in support of two planned arterial bus rapid transit (ABRT) lines: the METRO B Line and the METRO E Line. Based on needs and unfunded elements, the local scope will improve the reliability of the ABRT service, increase usage for this type of transportation, and provide an alternative mode choice to single-occupancy vehicles. Katie's team assisted in defining the scope of improvements, identifying RAISE funding criteria, performing benefit-cost analysis, and establishing the anticipated ABRT improvements at Hennepin Avenue and Second Street to complete the final RAISE grant application for submittal. Client: Hennepin County.
- **2020 BUILD Grant Application, Mondovi Regional Connectivity Project, Mondovi, Wisconsin:** technical lead who assisted the City of Mondovi and Buffalo County in requesting BUILD grant funding for the Mondovi Regional Connectivity Project. The project scope included repair of deteriorating roads to maintain access to the regional agriculture economy and industrial zones as well as providing safe connectivity for pedestrians between local workforce housing, industrial, and business zones. Katie summarized the benefit-cost ratio by analyzing data in Mondovi, resulting in a net cost of project, present value of benefits, and the net present value. Client: City of Mondovi.
- **Jonathan Carver Parkway (County Highway 11) Improvements, Carver, Minnesota:** project manager for the final design of Jonathan Carver Parkway from Chaska Boulevard to Fourth Street. This project included improvements to accommodate all users of the system, building upon the existing trail system to eliminate gaps while providing infrastructure improvements to accommodate future growth. Improvements included a two- to four-lane expansion to accommodate projected local and regional growth, public engagement, permitting, layout development and refinement, fire station access changes, staff-approved geometric layout, a roundabout at Sixth Street, construction staging, utility coordination, drainage analysis and design, and geotechnical investigation and analysis. Client: Carver County.