



**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
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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**

December 12, 2025

Ashley Buechter, P.E.
Local Programs Administrator, MoDOT
105 West Capitol Avenue
Jefferson City, Missouri 65102



Re: Letter of Interest - TRAILS AND SIDEWALKS

M3 Engineering Group, PC is pleased to submit this Letter of Interest (LOI) to Missouri’s Local Program (LPA) to provide on call professional services for Trails and Sidewalks. M3 Engineering Group is a Minority/Woman owned Disadvantaged Business consulting firm that provides Civil Engineering Planning and Design with expertise in various aspects of Transportation, Stormwater and Green Infrastructure. Our growing staff consists of several senior engineers with extensive experience in transportation design in and around St. Louis.

GENERAL EXPERIENCE OF FIRM – The staff at M3 Engineering includes professionals who have worked on numerous trail and sidewalk projects. Since the firm started in 2009, M3 has worked on projects as a prime and as a subconsultant for owners such as Great Rivers Greenway, the City of Clayton, the City of St. Louis and other regional municipalities. M3 offers expertise in several specific areas, including alignment studies, utility impact and relocation, and ADA compliance.

PAST PERFORMANCE – M3 has worked on several related projects recently, including:

Greenway on the Tracks (288), Great Rivers Greenway – M3 provided stormwater design services for the 3.5-mile greenway corridor on St. Louis’s near north side, stretching from the Grand Center District on the east to Gwen Giles Park on the west. The project connects multiple neighborhoods and would link with the potential future connection to Centennial Greenway. M3 coordinated with MSD Plan Review to establish permitting requirements, delineated watershed boundaries, and developed an XP-SWMM hydraulic model of existing and proposed drainage conditions based on concepts provided by WSP and the desired drainage level-of-service. This was followed by a 30% design of the enclosed drainage system and water quality BMPs.

City of St. Louis ADA Transition Plan - M3 was part of the team that evaluated physical barriers that limit access to individuals with disabilities to public areas. The project included collecting thousands of data points for the field inventory and assessment of representative assets. M3 created and implemented a GIS database to store information about the evaluated infrastructure elements, e.g., location, direction, size, feature, and obstruction. M3 also spatially enabled the database content for use with the City’s GIS and online mapping resources. After the field data was collected and processed, M3 scored, prioritized and mapped the data for the pedestrian network. Finally, M3 developed cost estimates for projects to improve the pedestrian facilities.

Deer Creek Greenway, Great Rivers Greenway – M3 designed a portion of the Deer Creek Greenway from just west of Big Bend Road at Oxford to the River des Peres Greenway. This 1.25-mile project connects the existing Deer Creek Greenway through residential and business areas of Maplewood to the River Des Peres Greenway at Francis R. Slay Park in the City of St. Louis. The project lies within a congested suburban/urban corridor that includes several space constraints such limited right-of-way, adjacent retaining walls, mature trees and residential/commercial driveways.

4th and Broadway Sidewalks and ADA, City of St. Louis BPS - M3 designed two miles of asphalt overlay and four miles of sidewalk, and ensured the corridor is compliant with current ADA guidelines such as ADAAG (Americans with Disabilities Act Accessibility Guidelines) and PROWAG (Public Rights-of-Way Accessibility Guidelines). The project

included inspection of all sidewalks and 36 intersections. Field data was collected electronically and was processed using GIS. Construction documents were prepared for proposed improvements along the corridors.

Bella Fontaine Park Trails and Bridge Replacement, Great Rivers Greenway – M3 led the team for the design of two miles of trails and three pedestrian bridges in Bella Fontaine Park in North St. Louis County. The trail is located in GRG’s Maline Greenway. The project included designing a method to cross the busy Route 367.



Grand Center Great Streets Initiative – M3 was part of a team led by Christener that provided streetscape planning for a six-block area of midtown St. Louis known for its artistic and theatrical venues. M3 provided creative stormwater planning of green infrastructure that blended with the proposed streetscape improvements.

Park Over the Highway - M3 was part of the team led by CMT to provide design services for the Park Over the Highway as part of the City-Arch-River improvements. M3 Engineering provided planning and design services for the enclosed stormwater system, combined sewer system, roadway, sidewalk and ADA ramp design. The design effort required considerable coordination with MoDOT, the City of St. Louis, Metropolitan St. Louis Sewer District and various utility agencies.

Tucker Boulevard Replacement, St. Louis BPS - M3 staff were hired by HDR Inc. to help complete the design for the replacement of 4,000 feet of Tucker Boulevard in the northern part of downtown St. Louis. The project included the use of 300,000 cy of earth fill and 50,000 cy of Expanded Polystyrene (EPS) fill. The project also included the separation of combined sewers, storm sewer design, tunnel rehabilitation, utility relocation, commercial building modifications, archeological and hazardous material investigation and use of rain gardens along the length of the project. M3 staff managed the project, modeled the enclosed sewer systems with XP-SWMM, designed the storm piping, 11 curb cut rain gardens and two 20,000 square foot bioretention cells intended to reduce stormwater runoff and improve water quality.



QUALIFICATIONS OF PERSONNEL

- **Marjorie Melton, PE**, has over 40 years of experience and is the former President of the Board of Public Service for the City of St. Louis. She played an important role in the design and construction of several bridge and roadway projects, including Tucker Boulevard, Grand Avenue, Jefferson Avenue, Martin Luther King and Manchester Avenue.
- **Marc Eshelman, PE**, has been designing or managing infrastructure projects in St. Louis for 40 years for clients such as MoDOT, MSD and the City of St. Louis. His skills include managing urban roadway projects, roadway drainage design and stream crossing impact studies. He is a former Resident Engineer with St. Louis County, he has a MS in Civil Engineering, and he teaches a PE review course for MSPE. Mr. Eshelman was the Project Manager for Bella Fontaine Park Trails and Pedestrian Bridges for GRG and has worked on several trail and sidewalk projects such as Riparian Trail and Central Park in Chesterfield, MO and Rock Hollow Trail for Great Rivers Greenway.
- **Todd Williams, PE**, has 28 years of experience in civil engineering, including hydraulic modeling of stream crossings, utility relocation and roadway drainage. He specializes in GPS/GIS, field inventory for ADA compliance and complex sanitary and storm sewer modeling. He has worked on Rock Hollow Trail, Tucker Boulevard Replacement and the Grand Center Great Streets Initiative.

● **Paolla Kovalsky, PE**, is a facility and infrastructure design engineer with 12 years of experience in planning and design for roadway, trail and roadway drainage projects. She has worked on projects for a variety of clients including GRG, St. Louis County, MoDOT, IDOT, and the City of St. Louis. She is adept at a variety of engineering programs, including AutoCAD, MicroStation, HEC-RAS, CityWorks, ARCGIS and Python. Her project experience includes: St. Louis County 2019 Parks Project Engineering Design Services, Deer Creek Greenway, IDOT PTB 207-046 Route 140, City of St. Louis Christy Boulevard, and IDOT IL 160/177 Queen's Lake Bridge Replacement - Project Engineer

FAMILIARITY/CAPABILITY – M3 has provided engineering services on several LPA projects including: Tesshire Drive Bridge (St. Louis County), Doc Sargent Rd Bridge (Jefferson County), Old Halls Ferry Rd Bridge (St. Louis County), McDonnell Boulevard Bridge (St. Louis County). Marc Eshelman has completed the LPA Level I Basic Training.

ACCESSIBILITY - M3 has grown steadily over the past 17 years, along with our reputation for meeting clients' needs. Our ability to serve our clients can be seen in the comments we have received:

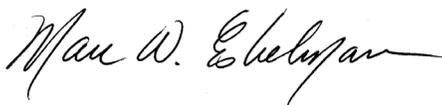
"Based on M3's prior performance, the City of Clayton would consider M3 as a strong candidate for future work." – Mr. John Wulf, PE, City of Clayton Assistant Director of Public Works

"M3 Engineering performed well on the Boschert Creek (box culvert replacement and stream restoration)...I was pleased with their ability to meet the project schedule and work with permitting agencies. I would recommend them for future work." - John Reeves, City of St. Charles Stormwater Manager

I have been working with M3 Engineering for nearly two years on a variety of projects that include field investigation, design and construction management. I have found that their team has performed very well through each phase of these projects, which has helped Illinois American Water complete projects on time and within budget. I would definitely recommend their services to others. Ric Cooper, PE, IL American Water, Project Manager

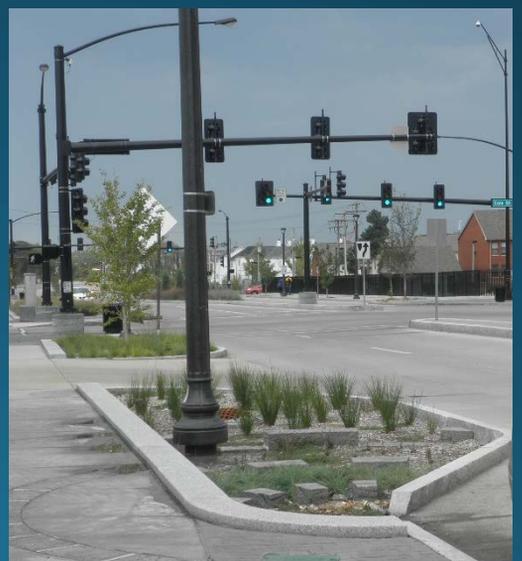
"The consultant clearly understood the project scope and the approach was technically sound. Consultant needs little direction and anticipates what is necessary for a successful project....Consultant works well with community members in a variety of project areas. The PM and staff were readily available for meetings, responding to emails and phone calls in a timely manner. Engineer returns construction inquiries in a timely manner. Team members were experienced and knowledgeable; good information resource for MSD staff." Jennifer Gerwitz, PE, Project Manager St. Louis MSD.

Sincerely,



Marc W. Eshelman, PE
M3 Engineering Group P.C.
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St. Louis, Mo 63101

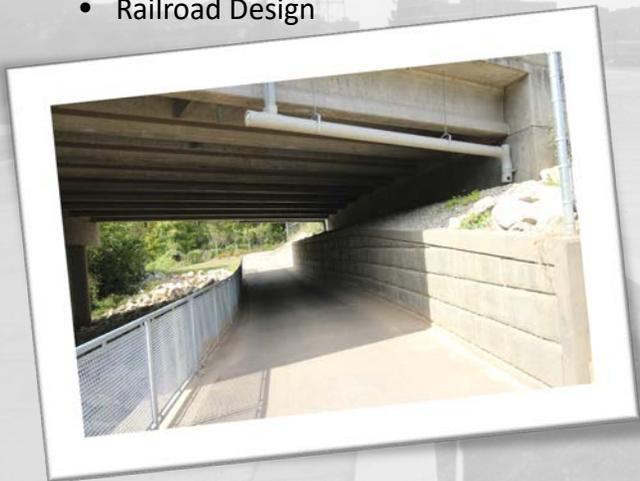
Statement of Qualifications



Transportation

M3 is certified with MoDOT and IDOT to perform a variety of services. We have completed transportation projects (vehicular and pedestrian) for Great Rivers Greenway, St. Louis County, the City of St. Louis, DOTs and municipalities. Our services include:

- Geometric Layout
- Roadway Design
- Box Culvert/Bridges
- Trail Design
- Streetscape Design
- Roadway Drainage
- ADA (Americans with Disabilities) Compliance
- Railroad Design



M3 transportation projects include roadway, streetscape and trails. This Maline Greenway Trail is located in Bella Fontaine Park and passes under Route 367.

M3 Example Projects:

- I-270 Design Build Programming, MoDOT
- I-55 Corridor Planning, MoDOT
- 4th and Broadway ADA Compliance, Sidewalks and Overlay, City of St. Louis, MO
- Js McDonnell Bridge Replacement, St. Louis County DOT
- Park Over the Highway. MoDOT
- Bella Fontaine Bridge Replacement and Pedestrian Trails, Great Rivers Greenway
- Green Infrastructure for Transit Oriented Development, St. Louis Development Corporation
- Tucker Boulevard Replacement, City of St. Louis, MO
- Brentwood Boulevard Streetscape, City of Brentwood, MO
- High Capacity Corridor Study (Bus Rapid Transit), METRO St. Louis

Construction Management

Because of our unique experience and staffing, M3 brings a designer's perspective, a contractor's mentality, and a partner's commitment to Construction Management, the necessary ingredients to perform critical functions:

- Pre-Construction Design Review
- Bid Advertising
- Bid Review and Recommendation
- Partnering Agreements
- Requests for Information Response
- Pay Application Processing
- On-Site Inspection
- Change Order Processing
- Final Walkthrough/Punchlist
- Project Closeout
- As-Built Preparation
- Facility Startup
- Operation and Maintenance Manuals



M3 Provided Construction Management for Pavement, Pump Station and Force Main in Godfrey, IL

M3 Example Projects:

- Frontenac Pavement, Pump Station and Force Main, IL American Water
- LaVista Streambank Restoration, American Water
- Jerseyville Operations Center, American Water
- Chain of Rocks Bridge, Great Rivers Greenway
- Government Center Building, St. Louis County, MO
- Deer Creek Bank Stabilization, Great Rivers Greenway
- Harvest Hill Court Streambank Restoration, St. Louis MSD
- Diplomat Lane Streambank Restoration, St. Louis MSD
- Shiva Court Streambank Restoration, St. Louis MSD

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Ric Cooper, PE, IL American Water, Project Manager

Stormwater

The staff at M3 have modeled, studied and designed hundreds of stormwater projects in their career. Our services include:

- Hydrologic Design
- Hydraulic Modeling (SWMM, HEC-RAS, HEC-HMS, HEC-GEORAS)
- Master Planning
- Storm Sewer System Design
- Water Quality Modeling and Design
- Sediment Transport
- Floodplain Analysis
- Permitting (404, 401, Floodplain)
- Bridge/Culvert Hydraulics



M3 designed this box culvert under West Adams Road while avoiding impacting the 100 year floodplain.

M3 Example Projects:

- Harlem Baden Regional Detention, St. Louis MSD
- Comprehensive Stormwater Master Plan , City of St. Charles, MO
- Cole Creek Flood Reduction, City of St. Charles, MO
- Hall Street Storm Sewer Improvements, St. Louis MSD
- Village of Harwood Heights, IL Flood Mitigation, Metropolitan Water Reclamation District of Greater Chicago
- Ridgemoor Drive Stormwater System, St. Louis MSD
- Boschert Creek Culvert Replacement, City of St. Charles, MO
- Wise and Mabel Stormwater, St. Louis MSD
- Essex Creek Flood Mitigation, City of Maryland Heights, MO
- Maline Creek Floodplain Study, Great Rivers Greenway
- Lower Meramac Rain Garden and Pervious Pavement, St. Louis MSD
- St. Anne Floodplain Study, City of St. Anne, MO

*“...provided excellent project management for this project....**communication, commitment to schedule and cooperation with District concerns** is what the District desires, but does not always obtain, from consultants.”*

Bill Ehrhard, PE – MSD Program Manager (Retired)