



**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:

EDM Incorporated

Firm Contact Name:

Len Madalon,

Contact Email  
Address:

ljm@edm-inc.com

Firm's Mailing Address:

500 N Broadway

Suite 1200

St. Louis, MO 63102

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

**SERVICES**

Structural  
Civil  
MEP  
Project Management

**ESTABLISHED**

1973

**OWNERSHIP**

100% Employee-owned  
ESOP

**EDM DATA**

Business License in MO,  
IL and 20 other states  
SAM-Registered Small  
Business  
DUNS 06-464-4586  
E-Verify 183182  
CAGE 8Y777  
NAICS 541330 Eng  
541310 Arch

**EDM INCORPORATED**

500 N Broadway  
Suite 1200  
St. Louis, MO 63102  
314.231.5485

Collinsville, IL  
618.344.3774

**CONTACT**

Len Madalon, MS, PE  
President  
314.335.6915  
ljm@edm-inc.com

www.edm-inc.com

MoDOT | Local Programs Administrator  
LPAoncall@modot.mo.gov

LPA On-Call Professional Services  
**Trails and Sidewalks**

Dear Selection Committee:

EDM Incorporated is pleased to submit this Letter of Interest for Missouri’s Local Program work category of Trails and Sidewalks. Following is a summary of our relevant firm background and project information as outlined in the solicitation letter.

**GENERAL EXPERIENCE OF THE FIRM**

EDM has delivered innovative yet practical trail and pedestrian facility design that have included environmental clearance, right-of-way, signals, lighting and drainage. Founded in 1973, EDM is an employee-owned professional design firm providing structural, civil, building systems (mechanical, electrical, plumbing) engineering and project management services — comprehensive services under one roof, provides you with complete project integration.

***Municipal and County Experience***

EDM’s engineers have built a strong practice providing valuable professional services for numerous infrastructure and roadway improvement projects for Missouri municipal, county and state agencies, including the following:

- |                     |                          |                         |                    |
|---------------------|--------------------------|-------------------------|--------------------|
| City of Clayton     | City of Ladue            | City of Rock Hill       | City of Webster    |
| City of Creve Coeur | City of Maplewood        | City of St. Charles     | Groves             |
| City of Fenton      | City of Maryland Heights | City of St. Louis       | City of Wentzville |
| City of Ferguson    | City of Olivette         | City of St. Peters      | St. Charles County |
| City of Frontenac   | City of O’Fallon         | City of Town & Country  | St. Louis County   |
| City of Hazelwood   | City of Overland         | City of University City | State of Missouri  |

**PAST PERFORMANCE**

EDM’s experience covers a broad range of services that impact trails and sidewalks, including roadway reconstruction, widening, upgrades, new construction and related specialties including traffic, pedestrian safety, trail circulation, parking and signage.

Though EDM has numerous projects that could be highlighted, we have selected projects below and on the next page to demonstrate our roadway design experience.

**City-Wide Sidewalk Replacement | Village of Wilbur Park** EDM was selected by the Village to design an ADA-compliant street replacement program in this South St. Louis County community. The 60-year-old sidewalks were deteriorating due to age, displacement by adjacent maturing trees, and chemicals. EDM prepared an inventory of the Village’s 56,000-SF of existing sidewalks, in which 22% were found to be defective. Typical defects included uneven slabs, broken slabs, over-sized cracks and excessive spalling. Driveway aprons and carriage walks were also inventoried.



**Spanish Lake | St. Louis County Parks** EDM was selected by the St. Louis County Department of Parks and Recreation to provide engineering design services for Spanish Lake Park. The County wanted to appoint an engineering firm that was highly qualified and experienced in trail and parking lot design. EDM managed the surveying of an open grass area along Trampe Avenue for the new asphalt parking lot and path. The path connected the frontage sidewalk and new parking lot to the existing service road/bike path. In order to maximize the use of County funds, an additional survey was completed for two partial trail paths on the same day as the parking lot survey.



**Faust Park | St. Louis County Parks** EDM was selected by the St. Louis County Department of Parks and Recreation to provide engineering services for seven county parks. Design work included four asphalt paths/trails, four parking lots, grading plans and structural design of a salt storage facility. The design at Faust Park consisted of a nearly 1500-foot-long asphalt trail through open space and wooded areas. The design included a 12-foot-wide path with minimum 42-foot-radii on curves to allow for county service vehicles.



**Fee Fee Improvements | City of Hazelwood** EDM provided engineering services for the design of a 1450 LF, three-lane roadway between McDonnell Boulevard and Chapel Ridge, federally funded and designed to MoDOT Standards. The project included sidewalks the full length of the project, ADA improvements to the intersection of Fee Fee and McDonnell, and pedestrian access from a residential area to the bus stop at Fee Fee and McDonnell. The intersection was within St. Louis County's right-of-way; therefore, any new work in this area was designed to the County Highway Standards.



**Lower Meramec WWTP Park | MSD** EDM provided all services for this new Park sited on a landscaped plot, which included a new shelter, two informational kiosks, and a wide sidewalk from the WWTP and throughout the Park. The sidewalk utilized pervious concrete, and a rain garden with native plantings was created. This Park also serves as a rest stop on a new bike and hiking trail to be developed adjacent to the property.



**Hazelwood Park Improvements | City of Hazelwood** The City of Hazelwood asked EDM to assist them in creating new numerous walking trails and additional parking at two city parks. EDM designed the City's vision of permeable pavement at the parks for both trails and parking, to maintain a greener footprint on the environment.

### QUALIFICATIONS OF PERSONNEL

The EDM team has technical expertise, availability, and comprehensive experience for LPA trail and sidewalk projects. Within our non-motorized design services, we have successfully worked with MoDOT's sidewalk and curb ramp standards, Americans with Disabilities Guidelines (ADAAG), and the Public Right-of-Way Accessibility Guidelines (PROWAG).



**Len Madalon, MS, PE, Executive Vice President and Director of the Civil Group**, Len has over 30 years of experience designing civil roadway and drainage projects. He was the Design Engineer on 14 road and/or trail projects for MoDOT, St. Louis County, St. Louis City, St. Charles County, Wentzville and Frontenac. Additionally, he managed a multi-year contract for MSD and did not miss a deadline on 15 separate projects. *MoDOT LPA Training*





**Kurtis Eisenbath, MS, PE, Lead Civil Engineer**, has extensive design experience in sewers, stormwater detention and drainage for roadways and site developments. He has worked on MoDOT projects prior to joining EDM, including US 61 and Route P Interchange in St. Charles County, I-64 Lane Additions from I-270 to Route 340, and Stan Musial Veterans Memorial Bridge, where he designed connections to existing I-70 and streets. *MoDOT LPA Training*

**Jill Walker, PE, Vice President, Structural Department Head**, Jill has 28 years of experience and possesses excellent coordination and communication skills. Intrinsically detailed, she demonstrates a practical approach to problem solving in her structural designs. Project experience includes new construction, expansion and restoration of structures of multiple materials and systems.

**Anthony Tarro, Lead Civil CADD Designer/Technician** has over 35 years of design and construction experience, including as a certified inspector. In addition to preparing plans and exhibits with the latest software including Civil 3D, Tony has expertise in quantities, cost estimates and easement documents. *MoDOT LPA Training*

The entire EDM team has considerable experience with trails and sidewalks and accompanying structures, such as parking facilities, rest areas and maintenance buildings, and we are sensitive to the impacts their designs have on the traveling public.

### KEY TRANSPORTATION DESIGN SERVICES

- Sidewalks and Paths
- Parking Analysis and Plans
- Parking Lots and Garages
- Permeable Pavements
- Utility Accommodation and Coordination
- Transportation Engineering
- Roadways and Streets
- Bridges and Culverts
- Curbs and Gutters
- Grading and Drainage
- Hydraulic Modeling
- Land-Use and Rezoning
- Life Cycle Cost Analysis
- Permitting
- Stormwater Plans
- Wastewater Sewer Lines
- Site Development
- Traffic Data Collection, Analysis and Control Plans
- Construction Observation and Administration

### FAMILIARITY | CAPABILITY

EDM has successfully delivered prior MoDOT and municipal projects that utilize federal funding and are compliant with federal law. Our experience provides us with the knowledge, familiarity and capability to interact with municipalities as well as the governing and reviewing agencies, as required, and to expeditiously complete any contract. EDM consistently provides projects to our clients that are on-time and on, or under, budget. The range of construction bids received on our projects are typically very close to our estimates, indicating not only the accuracy of our estimates but the completeness and quality of our bid documents.

### ACCESSIBILITY

EDM professionals are ready and accessible to provide On-Call Trails and Sidewalks design to any Missouri municipality. EDM is located in St. Louis, and our projects are throughout Missouri, primarily in the central and eastern half of the state. Our staff will be available for all meetings as dictated by project schedule and issues. The frequency and location of team meetings and core team meetings will be coordinated with the municipality, and modified as necessary as the project progresses. Communications with project team members will be on-going to provide the accessibility necessary to meet the municipality's expectations and successfully complete the project.

EDM appreciates the opportunity to respond to this LPA Solicitation, and we look forward to working with various Missouri municipalities on their trail and sidewalk projects.

Sincerely,

**EDM Incorporated**

Len Madalon, MS, PE  
President





# OVERVIEW

# ROADWAY TRAILS SIDEWALKS

## MISSION

Instilling reliability for our services based on trust, staff expertise, creativity, and unmatched service.

## SERVICES

Civil  
Building Systems | MEP  
Structural  
Project Management

## ESTABLISHED

1973

## OWNERSHIP

Employee-owned (ESOP)

## KEY MARKETS

Commercial | Corporate  
Education  
Government  
Health Care  
Hospitality | Housing  
Industrial  
Recreation | Theme Parks  
Stormwater Management  
Water/WW Systems

## EDM INCORPORATED

500 N Broadway  
Suite 1200  
St. Louis, MO 63102  
314.231.5485

850 Vandalia, Suite 250  
Collinsville, IL 62234  
618.344.3774

## CONTACT

Len Madalon, MS, PE  
President  
314.335.6945  
ljm@edm-inc.com

www.edm-inc.com



EDM is an employee-owned professional design firm providing structural, civil, building systems (mechanical, electrical, plumbing) engineering and project management services.

EDM encompasses engineering and project management under one roof, offering you complete project integration. Our services are available independently or jointly to build essential collaboration and coordination.

The breadth of project experience of our staff, from interior office renovation to 70,000-seat stadiums, provides EDM clients with virtually unlimited project capabilities.

## PROJECT TYPES

New Construction | Additions | Renovations  
Adaptive Reuse | Urban Retrofits  
Historic Restoration  
Water Quality | Creek Bank Stabilization  
Energy Studies | Feasibility Studies  
Facility Condition Assessments  
HVAC and Chillers | Air Quality  
Fire Protection | Life Safety  
Transportation Circulation | Parking, Garages  
HVAC Upgrades/Modernization  
Seismic Studies and Upgrades  
Site Development  
LEED/Sustainable Design  
Design/Build  
Value Engineering | BIM

**ENGINEERING**  
Creative application of science, mathematics and experience



**DESIGN**  
Development of a sound concept for a project



**MANAGEMENT**  
Administration of a team to achieve success



## MISSOURI GOVERNMENT AND AGENCY CLIENTS

- |   |                          |
|---|--------------------------|
| City of Branson                               | City of Manchester       |
| City of Bridgeton                             | City of Maplewood        |
| City of Clayton                               | City of Maryland Heights |
| City of Crestwood                             | City of O'Fallon         |
| City of Creve Coeur                           | City of Olivette         |
| City of Dardenne Prairie                      | City of Overland         |
| City of Ellisville                            | City of Rock Hill        |
| City of Fenton                                | City of St. Charles      |
| City of Ferguson                              | City of St. Louis        |
| City of Florissant                            | City of St. Peters       |
| City of Frontenac                             | City of Sullivan         |
| City of Hazelwood                             | City of Town & Country   |
| City of Herculaneum                           | City of University City  |
| City of Ladue                                 | City of Webster Groves   |
| St. Charles County                            | City of Wentzville       |
| State of Missouri   Multiple Departments      |                          |
| Ameren Missouri                               |                          |
| GSA   General Services Administration         |                          |
| MSD   Metropolitan St. Louis Sewer District   |                          |
| MoDOT   Missouri Department of Transportation |                          |
| St. Louis Lambert International Airport       |                          |
| USACE   US Army Corps of Engineers            |                          |
| US Department of Veterans Affairs             |                          |





# CIVIL ENGINEERING

**EDM HAS BEEN GREAT TO WORK WITH,** responsive to Frontenac's needs and resourceful in addressing issues and concerns that have arisen over the 20 years we have worked together.

Jeff Wappelhorst  
Director of Public Works  
City of Frontenac, MO

### RECENT AWARDS

#### Timber Trail to Briar Ridge Channel

ASCE St. Louis -  
2022 Project of the Year  
APWA Missouri Chapter-  
2022 Project of the Year  
East-West Gateway  
2022 Outstanding  
Local Government  
Achievement Award

### CIVIL DESIGN

Site Development  
Land-Use and Rezoning  
Roadways / Streets  
Water Supply System  
Creek Bank Stabilization  
Bio-Stabilization  
Stormwater (SW) Pollution  
Prevention Plans SWPPP  
SW Needs Assessments  
Sewer / SW Sewers



### TRANSPORTATION

- City of Clayton | Bonhomme Garage
- City of Creve Coeur | Ladue and Spoede Intersection
- City of Fairview Heights | Kassing Drive, Summit Avenue
- City of O'Fallon, MO | Sonderen Bridge, Mexico Road Widening
- City of St. Charles, MO
  - Augusta Bottom Road Bridge Replacements
  - Hemsath Road Reconstruction
- City of St. Louis | Truman Boulevard Reconstruction
- St. Charles County | Multiple Projects
- St. Louis County | Multiple Projects
- St. Louis Lambert International Airport | Multiple Projects
- City of University City, MO | George Street Improvements
- City of Wentzville, MO | West Meyer Road and Replacement Bridge
- BJC HealthCare | Clayton Road Assessment
- MoDOT | Multiple Projects
- IDOT | Rest Areas, Storage Facilities, Maintenance Buildings

### STORMWATER | WATER | WASTEWATER

- Metropolitan St. Louis Sewer District | Multiple Projects
- City of Brentwood | Stormwater (SW) Ordinance
- City of Bridgeton | SW Detention Basin, SW Needs Assessment
- City of Crestwood | Whitecliff Park/Pardee Lane Feasibility Study
- City of Fenton | Fenpark Industrial Center Storm Sewers
- City of Frontenac | SW Designs, SW Master Plan, Rain Gardens
- City of Maryland Heights | Storm Sewers, Hydraulic Analysis/Design
- City of St. Peters | Multiple Bio-Stabilization of Stream Banks
- City of Town & Country | Nettle Creek LOMR
- City of Webster Groves | Rain Gardens, Stormwater Designs

### SITE DEVELOPMENT

- Ameren | Headquarters Entrance Redevelopment, St. Louis
- Anheuser-Busch | Northeast Campus, St. Louis
- Collinsville School District | High School Campus, Collinsville, IL
- First Bank | Branch Offices, Multiple Locations
- Foodmaker | Jack-in-the-Box Restaurants, Multiple Locations
- MasterCard | Global Technology Headquarters, O'Fallon, MO
- State of Missouri
  - Mark Twain State Park
  - Dept of Conservation | Columbia Bottom Conservation Area
  - Wappapello State Park | Visitors Center and Campgrounds
- City of O'Fallon, IL | O'Fallon Community Park
- Old Post Office | Plaza Renovation, St. Louis
- Rockwood School District | Multiple Projects, St. Louis
- City of St. Charles | Riverfront Park





# ROADWAYS AND BRIDGES

**SAFE, QUICK, RELIABLE AND EFFICIENT ARE THE TENETS** of every transportation project designed by EDM. Our team looks at the planning, functional design, operation and management of infrastructure, with a focus on its economic and environmental impact.

## TRANSPORTATION DESIGN EXPERTISE

- Curbs and Gutters
- Grading and Drainage
- Grant Assistance
- Land Use and Rezoning
- Life Cycle Cost Analysis
- Hydraulic Modeling
- Kiss and Ride Lots
- Parking Analysis and Plans
- Parking Garage Assessments
- Parking Lots and Garages
- Pedestrian Bridges
- Permeable Pavements
- Permitting
- Risk Management/Safety
- Road Bridges and Culverts
- Roadways and Streets
- Seismic Improvements
- Sidewalk and Trails
- Site Development
- Stormwater Plans
- Utility Accommodation and Coordination
- Traffic Control Plans
- Transportation Engineering
- Wastewater Sewer Lines
- Construction Observation and Administration



**BELLEVILLE, IL** | North 23rd Street

**CLAYTON, MO** | Hillcrest and Wydown Terrace Subdivisions

**CREVE COEUR, MO** | Ladue and Spoede Intersection

**FAIRVIEW HEIGHTS, IL** | Summit Avenue, Kassing Drive

**FENTON, MO** | Woodway Subdivision Streets/Storm Sewers

**FLORISSANT, MO** | Shackelford Road Improvements

### FRONTENAC, MO

- Glen Abbey Road and Culvert
- Conway at Spoede Street Drainage

### HAZELWOOD, MO

- Fee Fee Road Improvements
- Teson Road Drainage Design and Culvert

### O'FALLON, MO

- Sonderen Road Bridge Replacement
- Mexico Road Widening

**OVERLAND, MO** | Woodson Road Reconstruction

**ROCK HILL, MO** | Kortwright Avenue, Madison Avenue

**ST. CHARLES, MO** | Hemsath Road Reconstruction

### ST. LOUIS, MO

- Gratton Street at Truman Parkway Reconstruction
- St. Louis Lambert International Airport | Multiple Projects

**ST. PETERS, MO** | Executive Centre Parkway and Bridge

**TOWN & COUNTRY, MO** | Clayton Road Improvements

**UNIVERSITY CITY, MO** | Heman Park Centennial Commons

**WENTZVILLE, MO** | West Meyer Road and Bridge Replacement

### MoDOT | MISSOURI DEPARTMENT OF TRANSPORTATION

- Hwy 21 Resurfacing, Jefferson County
- I-55 Ramps, Truman Parkway at Lafayette, St. Louis
- I-44 Updates and Overlay, St. Louis

### ST. CHARLES COUNTY, MO

- Augusta Bottom Bridge and Road Improvements
- Old Hwy 79 Bridge Replacements
- Pitman Hill Road Design and Hydraulic Study

### ST. LOUIS COUNTY, MO

- Barrett Station Road Improvements
- Laclede Station Road Improvements
- Mason Road Improvements





# TRAIL AND SIDEWALKS

## THE IMPACT OF TRAILS AND SIDEWALKS

EDM's experience covers a broad range of services that impact trails and sidewalks, including roadway reconstruction, widening, upgrades, new construction and related specialties including traffic, pedestrian safety, trail circulation, parking and signage.

EDM has designed trails or sidewalks for all projects listed at right.

## TRANSPORTATION DESIGN EXPERTISE

- Curbs and Gutters
- Grading and Drainage
- Grant Assistance
- Land Use and Rezoning
- Life Cycle Cost Analysis
- Hydraulic Modeling
- Kiss and Ride Lots
- Parking Analysis and Plans
- Parking Lots and Garages
- Pedestrian Bridges
- Permeable Pavements
- Permitting
- Risk Management/Safety
- Road Bridges and Culverts
- Roadways and Streets
- Seismic Improvements
- Sidewalk and Trails
- Site Development
- Stormwater Plans
- Utility Coordination
- Traffic Control Plans
- Transportation Engineering
- Construction Observation and Administration



**CLAYTON, MO** | Hillcrest and Wydown Terrace Subdivisions

**EAST ST. LOUIS, IL** | Malcolm W. Martin Memorial Park

**ELLISVILLE, MO** | Marsh at Hutchinson Improvements

**FAIRVIEW HEIGHTS, IL** | Summit Avenue, Kassing Drive

**FENTON, MO** | Woodway Subdivision Streets/Storm Sewers

**FLORISSANT, MO** | Shackelford Road Improvements

## FRONTENAC, MO

- Oak Valley-Hickory-Geyer Crossing
- Glen Abbey Road and Culvert
- Conway at Spoede Street Drainage

## HAZELWOOD, MO

- Hazelwood Park Trails
- Fee Fee Road and Sidewalk Improvements
- Teson Road Drainage Design and Culvert

## LEWIS & CLARK COMMUNITY COLLEGE

- National Great Rivers Research Center
- N.O. Nelson Campus

**MO DEPT OF CONSERVATION** | Columbia Bottom Conservation Area

**O'FALLON, MO** | Mexico Road Widening

**OVERLAND, MO** | Woodson Road Reconstruction

## ST. CHARLES, MO

- Hemsath Road Reconstruction
- Riverfront Park

**ST. LOUIS, MO** | Gratton Street at Truman Parkway Reconstruction

**ST. PETERS, MO** | Executive Centre Parkway and Bridge

**TOWN & COUNTRY, MO** | Clayton Road Improvements

**UNIVERSITY CITY, MO** | George Street Improvements

**WENTZVILLE, MO** | West Meyer Road and Bridge Replacement

**WILBUR PARK** | City-Wide Sidewalk Replacement

**MSD** | Lower Meramec WWTP Park

## ST. CHARLES COUNTY, MO

- Augusta Bottom Bridge and Road Improvements
- Pitman Hill Road Design and Hydraulic Study

## ST. LOUIS COUNTY, MO

- Barrett Station Road Improvements
- Laclede Station Road Improvements

