



Chicago Metropolitan  
Agency for Planning

**Mead&Hunt**

REQUEST FOR QUALIFICATIONS (RFQ) NO.341  
**PROJECT CONSULTING SERVICES**

Submitted to: **Chicago Metropolitan Agency for Planning**

March 23, 2026

**SERVICE AREA 6**  
Local Road Safety Plans/Safety Action Plans/  
Supplemental Support

**PROJECT TEAM RESUMES**

Submitted by: **Mead & Hunt, Inc.**  
200 North LaSalle Street  
Suite 2715  
Chicago, IL 60601  
[meadhunt.com](http://meadhunt.com)



# Joshua Wolfgram, PE, PTOE, RSP1

## TRAFFIC SAFETY ENGINEER

### Areas of Expertise

- Multimodal Design
- Traffic Analysis
- Vision Zero Implementation
- Synchro, SimTraffic, MicroStation, and AutoCAD

### Education

- MS, Civil Engineering
- BS, Civil Engineering

### Certification

- Licensed Professional Civil Engineer - IL #062.076282
- Professional Traffic Operations Engineer Certification #5225
- Road Safety Professional Level 1 Certification #694

### Memberships

- Intelligent Transportation Society of Maryland
- Institute of Transportation Engineers
- Bicycle Technical Committee of the National Committee on Uniform Traffic Control Devices (NCUTCD)

Joshua has nearly a decade of progressive, hands-on experience in traffic engineering including traffic signal timing optimization, traffic operations and safety analysis, multimodal design, and Vision Zero implementation. He is well-versed with MUTCD, FHWA, NACTO, and ITE standards and guidelines, and is experienced with Synchro, SimTraffic, MicroStation, and AutoCAD. Joshua has significant multimodal experience including development of Leading Pedestrian Interval (LPI) implementation policies; implementation of Vision Zero quick-build infrastructure (including Dual Turn Conflict Mitigation, No Turn on Red, and Left Turn Traffic Calming); and retiming of bicycle signals for optimal progression and evaluation of pedestrian and bicycle clearances

### PROJECT EXPERIENCE

#### City-Wide Traffic Engineering Design, DDOT, Washington, DC

Joshua was responsible for performing traffic alternatives analysis, review of signing/markings plans and coordinated signal timing for the one-mile-long Irving Street Cycle Track project, as well as preparing signing/markings plans and signal operational modifications for the 1.4-mile-long Minnesota Ave Multimodal Project for the M Street SE Bus and Bicycle Priority Project, and MLK Jr. Ave SE Bus Priority Project Phase 2. Joshua served as Project manager and provided QC for the signing and marking plans. He served as Project manager for the HSIP design task, including overseeing development of signal and signing/markings plans. Joshua also provided signal timing review and design support for the Park Place PBL project, 7th street NW Busway project, 16th street NW Bus Lanes project, 9th street NW Cycle Track Project, and Virginia Ave NW Cycle Track project (including complex bicycle signal phasing for the latter two projects). Joshua has coordinated and prepared work orders in response to traffic safety investigation requests from residents. In addition to review and design support, Joshua has also prepared conceptual drawings for Brookland livability improvements and Park Place NW PBL cross-sections, and analysis of the Black Lives matter Plaza 16th street redesign. Several of Josh's projects under this contract have won ACEC-MW awards.



#### City-Wide Traffic Signal Optimization Rounds I, II, III DDOT, Washington, DC

Joshua is responsible for optimizing coordinated signal timings in multiple networks and the Central Business District (CBD) in Washington, DC, including 1,600+ signals to date. The optimization strategy is to balance queue management and congestion mitigation with multimodal timing and Vision Zero initiatives, including network-wide implementation of Leading Pedestrian Intervals (LPI), pretiming and Age-friendly timings. Joshua has also developed and tested complex signal phasing treatments to protect bicyclists from turning movements and implemented progression enhancements to provide bicycle "green waves." In addition to signal timing work, he coordinated and developed designs for Vision Zero quick-build projects and reviewed highway safety Improvement Program (HSIP) study recommendations and design drawings for DDOT. Joshua has also responded to and developed solutions for 300+ citizen timing and safety requests.



#### Downtown Bus Priority Complete Streets Planning and Design, Denver Department of Transportation and Infrastructure (DOTI, Denver, Colorado)

Joshua was the traffic engineer responsible for providing design review for the Blake Street protected bike lanes (PBL) project and conducting traffic alternatives analysis for bus priority enhancements at critical intersections along the corridor. He reviewed bike corridors for traffic signal enhancements to improve bike safety at locations with high turning volumes, including exclusive bicycle phases, protected turning phases, and flashing yellow arrow protected-permissive operations. Joshua assisted with the preparation of signal timing plan markups to implement phasing and operational changes related to transit priority.



## Kyle Roberts, PE, PTOE

SENIOR TRAFFIC SAFETY ENGINEER

### Areas of Expertise

- Multimodal Design
- Traffic Analysis
- Vision Zero Implementation
- Synchro, SimTraffic, MicroStation, and AutoCAD

### Education

- BS, Civil Engineering

### Certification

- Licensed Professional Civil Engineer - MD #46847
- Professional Traffic Operations Engineer Certification #4000

Kyle has 15 years of experience in multimodal traffic operations analysis, traffic data collection and analysis, traffic safety studies and audits, signal timing, traffic control warrant studies, bicycle and pedestrian facility planning, design and analysis, traffic modeling and simulation, and traffic data collection. Kyle has performed over 50 traffic safety studies, predictive safety analyses and strategic safety plans and worked with a variety of crash database and record systems. He has hands-on experience in all aspects of crash data analysis, traffic data collection, identification of appropriate engineering safety countermeasures, and naturalistic observations and coordination with safety stakeholders such as law enforcement, emergency response and safety educators/ academics. He is knowledgeable in AASHTO, MUTCD, ITE, FHWA standards and numerous statistical, traffic and GIS software applications including RStats, Excel, SSAM, HSM, ISATe, ISHDM, and ESRI ArcGIS

### PROJECT EXPERIENCE

#### Safe Streets For All Action Plan, City of Frederick, Maryland

Kyle is the project manager leading the development of a Safe Streets For All (SS4A) Action Plan for the City. Kyle is responsible for developing the City's High-Injury Network (HIN), which involves evaluating safety data and roadway geometry. Kyle is also identifying prioritized improvements on the HIN. Kyle is responsible for providing public engagement and outreach services through developing an interactive map for public commenting as well as a survey.

#### Safe Streets For All Action Plan, Baltimore City DOT, Maryland

Kyle is the project manager leading the development of a Safe Streets For All (SS4A) Action Plan for Baltimore City. The City's High-Injury Network (HIN) has been identified, which involves evaluating safety and infrastructure data and coordinating closely with partner universities to develop risk modeling of roadway safety. Through this process, Mead & Hunt will lead identification of prioritized improvements on the HIN. Mead & Hunt is providing public engagement and outreach services through developing an interactive map for public commenting, stakeholder and public outreach events (e.g. open house, pop-ups, community walks), and an online survey.

#### Safe Streets For All Action Plan, City Of Brunswick, Maryland

Kyle was the project manager responsible for leading Phase 1 of the City of Brunswick's Safe Streets for All grant, which is nearing completion. The City's Action Plan will review and adjust Frederick County's Towards Zero Deaths plan to include Brunswick-specific information, satisfying USDOT requirements. It also involves a sidewalk/ crosswalk screening and prioritization process to identify and prioritize filling in gaps in the sidewalk network as well as the design of RRFBs.

#### Safe Streets For All Action Plan, Greenwood County, South Carolina

Kyle is the project manager is responsible for leading the County's Safe Streets for All grant. Work has included crash data analysis; identification of a High Injury Network; stakeholder engagement; development of emphasis areas and strategies; equity analysis; and policy review and updates. Currently, the selection of engineering, enforcement, emergency services and educational safety strategies and development of a Safety Action Plan are underway.



## Molly A. North, RSP1

MULTIMODAL TRANSPORTATION ENGINEER

### Areas of Expertise

- Transportation Planning
- Traffic Safety Analysis
- Pedestrian and Bicycle Facility Design

### Education

- MEng, Transportation Systems
- BA, Biological Aspects of Conservation

### Certification

- Road Safety Professional Level 1 Certification #1678

### Memberships

- Institute of Transportation Engineers
- WTS International
- Society of Women Engineers
- Eno Center for Transportation – 2018 Fellow
- Association for Pedestrian and Bicycle Professionals

Molly is a progressive transportation leader with more than 15 years of experience. She has experience in multimodal transportation planning and engineering including technical, policy, and planning skills, graphics and extensive experience in facilitation, communication and collaboration. Molly has worked on strategic planning, intersection and corridor improvements, pedestrian and bicycle facility design, bicycle parking, traffic safety, funding, programming, grant applications and management, and has delivered numerous presentations to stakeholders, the public and elected officials. Molly's project work includes traffic safety analysis, feasibility studies, and preliminary engineering, Molly is versed in CADD, GIS, Synchro as well as CCD, NACTO, and MUTCD guidelines.

### PROJECT EXPERIENCE

#### Safe Streets for All Action Plan, Town of Lyons, CO

Molly is the project manager and is responsible for documenting existing conditions evaluating crash data and developing strategies for enhancing traffic safety. Strategies include engineering retrofits such as traffic calming/road diets, enforcement, education, and emergency response. Molly conducted extensive stakeholder/ public outreach coordination including Council, Safety Task Force, CDOT, EMS, and schools. The team developed quick build design plans for implementing SRTS improvements around Lyons Elementary School.

#### Citywide Safety and Safe Routes to School Study, City of Gunnison, CO

Molly was the project engineer responsible for documenting existing conditions and developing concepts for enhanced traffic safety, traffic calming/road diets, and multimodal accessibility including development of an interactive safety hot spot webpage. Molly is conducting extensive stakeholder/ public outreach coordination including Council, Safety Task Force, engagement, and education, as well as outreach with Gunnison Elementary schools, CDOT, Gunnison County, and RTA.

#### Safe Routes to School Program, DDOT, Washington, DC

Molly is the project engineer leading the development of Safe Routes to School Plans for 5 schools. Each Action Plan involves school coordination, walk audits, safety analysis, and design recommendations to improve safety for kids walking and biking to and from school.

#### Safety Action Plan, Albany County WY

Molly is the deputy project manager and project engineer responsible for developing a comprehensive safety access plan to address traffic safety, access, and multimodal needs. She is working closely with stakeholders to conduct a field safety audit and refine emphasis areas and tools for the Action Plan; she developed an interactive safety hot spot mapping tool for the public; and she helped secure implementation funding for a demonstration.

#### FC Bikes, City of Fort Collins, CO

As Assistant Bicycle Coordinator, Molly led Fort Collins to attain a Platinum Bicycle Friendly Community designation with the League of American Bicyclists – Fort Collins was only the fourth city in the country to receive this award. She coordinated with local businesses and City departments to install some of the first on-street bicycle racks in the country, replacing 5 diagonal car spaces with racks for approximately 125 bicycles. She also managed several funding sources, totaling approximately \$525,000 annually and prepared public relations campaigns and news releases; included serving as editor for the annual Ride! magazine, maintaining the FC Bikes web pages, and producing video campaigns about bicycle safety. This project was completed while Molly was employed with another organization.



## Paul Silberman, PE, PTOE

TRANSPORTATION PLANNER

### Areas of Expertise

- Complete Streets
- Transportation Planning
- Traffic Safety
- Feasibility Studies
- Stakeholder Outreach

### Education

- MS, Civil Engineering
- BS, Civil Engineering

### Certification

- Licensed Professional Engineer - MD #26562; CO #0057017; NC #50101; VA #402049188
- Certified Professional Traffic Operations Engineer, #1287

Paul has over 25 years of experience in multimodal transportation planning, analysis, and design for complete streets and connected communities. His work demonstrates a commitment to creating sustainable transportation systems that support economic development and provide safe/equitable access. His experience includes traffic data collection, Safe Routes to School (SRTS), Vision Zero, Safe Streets for All (SS4A), student transportation/bell time and bus routing, bicycle and pedestrian facility planning and design, traffic engineering design, traffic safety/crash analysis, roadway design, and stakeholder and public involvement.

### PROJECT EXPERIENCE

#### Strategic Highway Safety Plan, Maryland DOT

Senior Engineer. Provided support to local and state representatives in Educational, Enforcement, Emergency Medical Services and Engineering disciplines. Supported with evaluation of crash injury and fatalities in various emphasis areas, developing action plans and strategies to mitigate crash rates. Participated in emphasis area working groups for pedestrian and bicycle safety.

#### Citywide Safety and Safe Routes to School Study, City of Gunnison, Colorado

As project manager, Paul oversaw concepts for enhanced traffic safety, traffic calming/ road diets and multimodal accessibility including development of an interactive safety hot spot webpage. Paul is conducting extensive stakeholder/public outreach coordination including Council, Safety Task Force, engagement, education and outreach with Gunnison Elementary schools, CDOT, Gunnison County, and RTA.

#### Local Roadway Safety Plan Tri County Council of Southern MD

Senior Engineer completed a bi-county strategic roadway safety plan for Charles and St. Mary's Counties. provided technical assistance to engineering and non -engineering local stakeholders to assess safety needs and high crash locations, and analyze/better understand crash data while identifying appropriate projects and locations needing further analysis as part of the High Injury Network such as engineering countermeasures, and low-cost, quick-build efforts, especially in school zones. A primary goals was to build local capacity to systemically improve safety through local project delivery. Additionally, identified needed code and standard updates that impact traffic safety such as access management and lighting.

#### Safe Streets Action Plan, Town of Batesburg/Leesville, SC

Paul was the project manager supporting the development of an SS4A Comprehensive Safety Action Plan (CSAP) for the Town of Batesburg/Leesville. His work included crash data analysis; identification of a High Injury Network (HIN); stakeholder engagement; development of emphasis areas and strategies; equity analysis; policy review and update; selection of engineering, enforcement, emergency services, and educational safety strategies; and development of a CSAP.



# Hailey Vaughn, AICP

COMMUNITY PLANNER

## Areas of Expertise

- Data analysis and visualizations
- Transportation safety analysis
- Safety policy and education
- Public outreach & community engagement

## Education

- MURP, Master of Urban and Regional Planning, Florida Atlantic University, 2021
- BA, Sociology, Columbia College, 2016

## Certification

- American Institute of Certified Planners (AICP) #3933559

Hailey Vaughn is a planner and policy analyst with experience in transportation and land use planning. Her work includes grant writing and management, public engagement, and efforts to promote equity within community development. Hailey has participated in transit studies, complete streets initiatives, and long-range transportation planning projects, as well as authoring and managing Safe Streets for All grants for municipalities nationwide. Her responsibilities include stakeholder collaboration, data analysis, and project management, with a focus on supporting safe, accessible, and resilient communities.

## PROJECT EXPERIENCE

### Safe Routes to School (SRTS) Action Plans, DDOT, Washington, DC

Hailey supported DDOT with the Safe Routes to Schools Program for the 2024-2025 school year. She contributed to the preparation of action plans for schools, integrating input from school surveys and safety analysis results. Her responsibilities included drafting each school's action plan, incorporating feedback, summarizing findings, offering short-term and long-term recommendations to advance student bike and pedestrian safety.

### Safe and Equitable Access to Parks, Montgomery County Parks Department, M-NCPPC, Montgomery County, Maryland

Hailey is the project manager for Mead & Hunt for a \$7.5 million Safe Streets for All Implementation grant awarded to the Maryland-National Capital Park and Planning Commission. (M-NCPPC). The grant includes new and extended trails, roadway crossings, street lighting and other safety treatments within Montgomery County, Maryland. Hailey's role includes financial and milestone tracking and coordination with the client, stakeholders, and subconsultants to prepare design packages and environmental documentation.

### Safe Streets for All (SS4A) Action Plan, Town of Lyons, Colorado

Hailey assisted the team in developing a comprehensive safety access plan to address traffic safety, access, and multimodal needs. Work included evaluating multimodal traffic volumes, historical crash data, signal timing, transit service, and traffic control needs, as well as developing concepts for enhanced traffic safety, traffic calming/road diets, and multimodal accessibility. The Safety Action Plan documents crash trends, the role of various Town agencies in traffic safety planning and engineering efforts, and identified emphasis areas, strategies, goals, and action items to traffic safety. The Plan is utilizing a Safe Systems approach that included engineering, education, enforcement, and emergency response measures.

### Safe Streets Action Plan, City of Sterling, Illinois

Hailey partnered with the City of Sterling to develop and submit the Safe Streets for All (SS4A) grant application, securing funding for a comprehensive Action Plan, supplemental planning, and demonstration activities such as creating a Complete Streets road code and launching quick-build pilot projects to enhance bike and pedestrian safety. After the grant was awarded, Hailey coordinated efforts between the City and FHWA, facilitating smooth execution of the agreement. Grant-funded activities will begin in September 2025, advancing Sterling's commitment to safer, more inclusive streets.