

Delion Consulting LLC

Delion Consulting LLC champions the adoption of innovative transportation technologies to address surface mobility challenges for both public and private sector partners. Services include research, strategic planning, guidance documentation, ideation, transportation engineering and feasibility studies, education and mentoring, and project management.



Carole Delion, Founder & CEO

Research

Research and review published and grey literature to document past and current topics related to surface transportation topics.

Engagement & Outreach

High expertise in outreach to internal and external partners, coordinating many inputs at once, and understanding that engagement across a variety of stakeholders requires different methods to better garner feedback. Helps create excitement and interest for existing and future advocates especially for surface transportation safety, equity, and innovation.



Technical

Experience with technical methods, familiar with the US Department of Transportation Safe System Approach, and experienced engineer with knowledge of models and strategic frameworks for realistic implementation of actionable strategies. Experience developing guidance documents and reports in professional and layman terms.

Logistics

Able to host virtual workshops, coordinate across social media platforms, create host websites for content availability.

Differentiator

Ms. Delion brings over a decade of experience from her tenure at the Maryland State Highway Administration. She possesses a deep understanding of the unique requirements within public sector teams, including the formulation and execution of actionable strategies.



Licenses and Registrations

- Professional Engineer (Maryland)
- Maryland Small Business Reserve
- US Department of Transportation Minority Business Enterprise (MBE), Disadvantaged Business Enterprise (DBE), and Small Business Enterprise (SBE) through Maryland Department of Transportation's Uniform Certification Application
- Motorcycle License

Contact Information

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**Ms. Delion, Founder & CEO,
Learning to ride on a Kawasaki 250**

North American Industry

Classification System Codes

- **541611** - Administrative Management and General Management Consulting
- **541330** - Engineering Services

Business Information

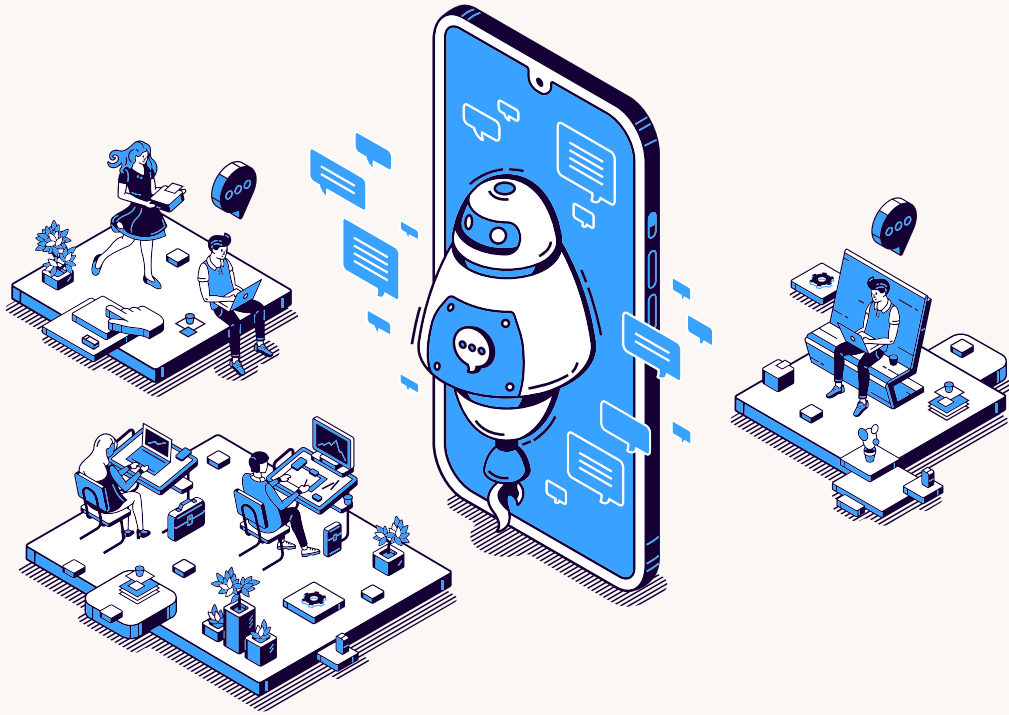
Company Name: Delion Consulting LLC

Incorporation Date: October 2, 2023

State of Incorporation: Maryland

CAGE & UEI: *available upon request*

National Engagement



During her tenure as a public sector employee, Ms. Delion actively engaged with several national groups, including Pooled Fund Studies, American Association of State Highway and Transportation Officials committees, the Intelligent Transportation Society of America, the National Operations Center of Excellence, and numerous Transportation Research Board committees. She has a strong network beyond those groups to include the Governors Highway Safety Association, Conference of Minority Transportation Officials, American Association of Motor Vehicle Administrators, and others that she continues to leverage. These affiliations underscore her deep involvement and influential position in shaping national transportation policy and practice.

Past Projects

Maryland Connected and Automated Vehicle Strategic Framework

Document Link: <https://cav.mdot.maryland.gov/wp-content/uploads/2024/02/Maryland-CAV-Strategic-Framework.pdf>

Project Manager and co-author for the Maryland Connected and Automated Vehicle Strategic Framework, which established the first ever statewide plan for multi-agency coordination and strategic vision for the State. Ms. Delion worked alongside an on-boarded consultant to perform:

- stakeholder engagement, both internal and external (over 600 responses over various entities)
- writing of the strategic framework (wrote approximately half of the framework)
- creating consensus and finalizing approval at the state leadership level
- ensuring all final associated documents were published

The work occurred over approximately 6 months while Ms. Delion was an employee of the Maryland State Highway Administration.

Connected and Automated Vehicle Toolkit for Maryland Local Jurisdictions

Document Link: https://cav.mdot.maryland.gov/wp-content/uploads/2022/10/Connected-and-Automated-Vehicle-Toolkit-for-Maryland-Local-Jurisdictions_June-2021.pdf

Project Manager and author of the Connected and Automated Vehicle (CAV) Toolkit for Maryland Local Jurisdictions, which helped local jurisdictions prepare for integration of CAV within their local plans. The toolkit provides realistic and clear recommendations for integration of innovation and further was developed in coordination with the Maryland Department of Planning. Ms. Delion performed:

- state of the practice reviews / research
- stakeholder engagement, both internal and external
- wrote the entirety of the document
- collected edits/comments and created consensus for a final document
- shepherded the document through final approvals from Maryland Department of Planning and Maryland Department of Planning leadership

The work was performed over 4 months while Ms. Delion was an employee of the Maryland State Highway Administration.

Past Projects

Maryland State Highway Administration 2021-2025 Connected and Automated Vehicle Implementation Plan

Document Link: https://www.roads.maryland.gov/OTMO/2021-2025_MDOTSHA_CAVImplementationPlan_Final.pdf

Ms. Delion acted as the primary program manager of the Connected and Automated Vehicle program for the Maryland State Highway Administration (SHA), which led to the creation of the 2021-2025 Implementation Plan.

Ms. Delion performed:

- stakeholder engagement
- consensus building from stakeholder inputs
- writing of the majority of the report
- oversight of the consultant who finalized the report
- final leadership approvals and publication

Within two years of the 5-year plan's release, Ms. Delion had successfully completed or initiated nearly half of the 35 recommended actions. The work was performed over 3 to 4 months while Ms. Delion was an employee of the Maryland State Highway Administration.

Vulnerable Roadway Users Dashboard

USDOT Project Link: <https://rosap.ntl.bts.gov/view/dot/61218>

Project manager and subject matter expert in vehicle "big data", for a US Department of Transportation Safety Data Initiative grant awarded to Maryland to create a vulnerable roadway user density exposure dashboard with probe data and crash information to aid in engineering decision making. The University of Maryland's Transportation Institute was the consultant and Ms. Delion acted as the state-side project manager, overseeing budget, contract language, review of technical work, policy guidance for project progress, and briefing executive leadership on project progress and findings.

Ms. Delion acted as an employee of the Maryland State Highway Administration during the entirety of the grant project.