

Curriculum Vitae

Sarah E. Binkowski, PE, PTOE

BRG

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Sarah Binkowski, PE, PTOE, is an associate director at BRG. She has over twenty-five years of experience as a senior project manager and is an expert in transportation engineering and planning. Her project experience includes:

- design-build, design-bid-build, and construction management/general contractor
- roadway, transit, and structural design projects
- design assistance during construction
- National Environmental Policy Act studies for roadway/transit projects, including environmental impact studies, environmental assessments, and categorical exclusions
- traffic engineering, including corridor studies, traffic and safety studies, traffic operations, signal optimization, and complete streets
- intelligent transportation systems (ITS), including managed lane analysis, connected and automated vehicle analysis, and analysis and location of ITS devices
- maintenance of traffic and roadway closure scenarios, including construction staging evaluations
- value engineering studies and development of access management plans
- city and county transportation plans and safety action plans
- travel demand model development/application, including future-year traffic and transit projections

Ms. Binkowski manages projects for a diverse range of clients, including departments of transportation, counties, road commissions, municipalities, metropolitan planning organizations, and private-sector clients.

Ms. Binkowski is a Professional Engineer and a Professional Transportation Operations Engineer through the Institute of Transportation Engineers (ITE). She is a member of ITE and past president of the Women's Transportation Seminar Michigan Chapter. She is a member of the Transportation Research Board (TRB) AEP15 Transportation Planning Analysis and Applications Committee and a previous member of TRB's AKD10 Performance Effects of Geometric Design Committee.

Ms. Binkowski has a BS and MS in civil engineering from Michigan State University, where she worked on a variety of research projects. She mentors young women in engineering and planning, helping them grow and succeed in their chosen fields.

EDUCATION

MS, Civil Engineering Michigan State University, 1998
BS, Civil Engineering Michigan State University, 1995

PRESENT EMPLOYMENT

BRG, Associate Director, 2026 – present

PREVIOUS POSITIONS

AECOM, Michigan Traffic Engineering Manager, 2023 – 2026
Michael Baker International, Michigan Design Manager, 2023
HNTB, Senior Project Manager, 2019 -2023
Southeast Michigan Council of Governments, Modeling and Mobility Manager, 2018 – 2019
CDM Smith, Senior Transportation Engineer, 2017 – 2018
WSP / Parsons Brinckerhoff, Senior Supervising Transportation Engineer, 1997 – 2016
Michigan State University, Research Assistant, 1995 – 1996

PROFESSIONAL AFFILIATIONS

Institute of Transportation Engineers, Member, 1992 – present
Women's Transportation Seminar, Member and Michigan Chapter Past Present, 1998 - present

PUBLICATIONS

ARTICLES

- Primary author for the Transportation Research Board Annual Meeting 2014 Paper #14-3816, “Development and Use of a 400-square mile DTA for corridor maintenance of traffic decision-making”, paper presented at a poster board session at the 2014 TRB conference
- Presentation and paper submitted to the 14th Annual TRB National Transportation Planning Application Conference titled “Developing a 200 square mile DTA model for public and corridor maintenance of traffic decision-making”, voted best presentation
- Primary author, Transportation Research Board 1997 Outstanding Paper on the Operational Effects of Geometry, January 1997, “Evaluation of Michigan 70-MPH Speed Limit”

- Secondary author, Transportation Research Record, “Operational Aspects of Michigan Design for Divided Highways”, January 1997

PRESENTATIONS

- Presentation to 2026 Institute Transportation Engineers, Michigan Chapter, Spring Technical Session titled “A Tale of Two Road Diets”
- Presentation to 2025 WTS International Conference titled “WTS Talk: We almost shut down our Chapter but now we’re bigger than ever!”
- Poster Presentation to 2020 TRB Annual Meeting and Presentation to 2019 TRB Planning Applications Conference titled “Conversion of I-375 from a Freeway to a Surface Street”
- Presentation to 2012 Institute of Transportation Engineers, Michigan Chapter Technical Session Meeting titled “Dynamic Traffic Assignment Modeling to Test MOT Concepts: The I-96 Experience”