



**Years with the firm**

**24**

**Years total**

**33**



**BARBARA J. ARENS, PE, PTOE**

**Senior Vice President of WSP USA**

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**Professional qualifications**

*Professional Traffic Operations Engineer, certified 2002*

*Professional Engineer:*

*Michigan, 1993(6201038812)*

*California, 1992 (C48757)*

*Colorado, 1993 (28924)*

*New Mexico, 1993 (12085)*

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Barbara Arens has 34 years of engineering, planning, and consultation experience. She is a Senior Vice President of WSP USA and President of WSP Michigan Inc. WSP USA is a top 5 2018 *Engineering News Record* Firm in pure design firm and transportation revenue.

Since joining WSP USA in 1994, Barbara Arens has served as a lead traffic engineer, a project manager, Michigan Area Manager, National Traffic Engineering Manager, Central Region Chief of Staff, Central Region Operations Manager, National Project Operations Manager, and most recently as the Central Region Business Manager overseeing 15 states and 13 offices. She has worked on various projects in 13 states across the country and is proficient in Owner's Representative Contracts, early preliminary engineering for highway projects, transportation analyses for community transportation planning, traffic operations and traffic engineering, large scale signal retiming, environmental impact reports/statements (EIR/EIS), Complete Streets studies (all transportation modes), parking studies, corridor and regional plans, applications of Dynamic Traffic Assignment, border crossing studies, and site traffic impact analyses. Prior to joining the firm, she participated in a variety of traffic engineering and transportation planning projects for both the private and public sectors on the west coast and Midwest.

Barb uses her experience and passion for people, quality, and clients to drive her career. She is a second-time President of WTS Michigan, a member of the Mackinac Bridge Authority, an Emeritus Member and past Committee Chair of the TRB Transportation Planning Applications Committee, a past Board Chair of the MSU Civil Engineering Alumni Advisory Board, and a member of COMTO, ITE, ITS America, ACEC, and Chi Epsilon.

Barb graduated from Michigan State University with both a Bachelor of Science Degree in Civil Engineering and a Master's Degree in Civil Engineering. She is a licensed engineer in Michigan, California, Colorado, and New Mexico and a registered professional traffic operations engineer.