Rahel Desaleagne, PE, PTOE (Bio)

Rahel Desalegne is a Transportation/Traffic engineer with over 20 years of experience working both in public and private sectors. Rahel received her undergraduate degree in civil engineering and master's in transportation/ traffic engineer from the Technical University of Dresden, Germany. She is a registered Professional Engineer (PE) and a certified Professional Traffic Operations Engineer (PTOE). She is currently employed as senior traffic engineer at a private firm in Madison, WI, and is an adjunct professor at UW Madison Department of Civil Engineering and Environmental Sciences.

Rahel's areas of expertise includes: traffic and transportation studies, traffic management intersection operations analysis and safety studies, and Intelligent Transportation Systems (ITS). Recently, Rahel has worked on the Jane Adams Memorial Tollway (I-90), IL, a National Interstate ITS planning and design project, and its smart transportation corridor concept development including Concept of Operations for Active Traffic Management (ATM) System.

Rahel is a native Ethiopia and had previous collaborations with the Ethiopian Roads Authority (ERA). She is the founder of "Safe Roads To Health (SRTH)" a non- profit 501 (c) 3 organization that works to combat the epidemic of road traffic injuries and death in Sub-Saharan Africa. She is a founding member of the Ethiopian Engineers Organization that was established by diaspora transportation-engineering professionals to share experiences and transfers of knowledge to the Ethiopian colleagues. She was the chair of the organizing committee for the "First International Transportation and Safety Symposium" that was held in Addis Ababa, Ethiopia on December 30, 2014. The Symposium was organized in collaboration with the Ethiopian Roads Authority (ERA), Ethiopian Engineers Organization (EEO) and the Addis Ababa Institute of Technology (AAiT). Subsequently, Rahel organized and delivered an Engineering Professional Development Workshop at ERA in January 2016.