Greetings!

**President's Message**

Welcome to the latest edition of the WDCSITE Newsletter! I’d like to bring you up to speed on some of our latest Section work.

First, I'm proud to announce the new look to our Section's website! Our intent was to improve site navigation while also providing a more pleasing aesthetic that will entice more individuals to browse around. Take a look and feel free to send any comments.

I welcome the new University Liaisons that will be joining our Leadership team. Thank you for offering your time and talents for a noble cause.

Also we extend our gratitude towards Qiana Gabriel, Shawn Daniel, and Anjuli Tapia for continuously serving as University Liaisons. Check out this month's summary for the event at Howard University that Shawn helped plan and be on the lookout for future events at Morgan State and UMD.

The WDCSITE Board is currently evaluating the Section By Laws per ITE’s mandate. This is part of ITE’s mission to create a more uniform experience across all of its platforms. We received a template from ITE Headquarters via the Mid-Colonial District and are currently customizing the template to accommodate the details for how we routinely govern our Section.

2019 was a great year for this Section! The Mid-Colonial District Board has noticed our achievement and have backed us to apply for an ITE Section Award. We’ll update you with any good news if we receive it in the coming months. We are also looking forward to the ITE Employment Center for 2020. Stay in touch and we will keep you updated on all upcoming events and awards.

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**Quick Links**

- WDCSITE Webpage
- WDCSITE Awards
- ITE Professional Development Record Keeping System
- ITE Employment Center

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**Meet-a-Member:**
Puskar Kar

New ITE Members

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VDOT Traffic Operations and Safety Analysis Manual (TOSAM) Version 2.0 Released

VDOT Traffic Engineering Division has released the Traffic Operations and Safety Analysis Manual (TOSAM) Version 2.0, updated from Version 1.0. The updated Version 2.0 shall be used for all traffic analysis where VDOT approval is needed (except Chapter 527 related studies, where TOSAM ver 2.0 will serve as a guidance document).

This governance document provides direction to project managers by:

- selecting traffic and safety analysis tool(s) during the project scoping process
- providing the data requirements and standard assumptions related to each tool
- producing consistent output from these tools.

The manual was updated by a Technical Advisory Committee (TAC) consisting of Traffic Engineers, Planners and Researchers from all the regions/districts within VDOT, FHWA, and external consultant community. A link to TOSAM ver 2.0 can be found in the manuals section of the VDOT website.

In the next few months workshops will be conducted for internal VDOT staff to familiarize with the updated materials in TOSAM. Subsequent monthly webinars will be held to delve into the details of the manual, and engage consultants, agencies and others with an interest in TOSAM.

In the meantime if you have any questions about the use or content of the manual, please contact Sanhita Lahiri or Mena Lockwood.

Clarksburg Students Collaborate on Pedestrian Safety Project for First Lego League

Students from five elementary schools and middle schools in Clarksburg, MD - Roberto Clemente Middle School, Parkland Middle School, Cedar Grove Elementary School, Wilson Wims Elementary School, and Hallie Wells Middle School - have been participating in the First Lego League (FLL) STEM competition. Part of this competition (known as the "Innovation Project") requires students to develop a solution to a problem they identified in topics ranging from nanotechnology to climate change to transportation. This team of ten students, Techno PrimX, focused their efforts on pedestrian safety. After meeting with Montgomery County DOT, the students were encouraged to reach out to WDCSITE for further feedback on their project.

On Monday 2/17, the students traveled to Washington D.C. to get professional feedback on their project and presentation relating to the deployment of holographic walls at crosswalks and on buses to alert drivers of crossing pedestrians. Their ideas and research touched on Vision Zero, local news on pedestrian fatalities in D.C., 8-3-11 Vision Zero, Safe Routes to School, and Smart Cities among other things.
We are always looking for fresh ideas, topics, and presentations. If you are interested presenting at a WDCSITE event, please reach out to David Duarte.

Presentations from all transportation and related disciplines are welcome.

2020 WDCSITE EXECUTIVE BOARD

David Duarte
President

Burak Cesme
Vice President

Adam Greenstein
Secretary / Treasurer

Howard University Workshop and Technical Meeting

On Monday, February 24th, WDCSITE held their inaugural meeting at Howard University, the Section’s newest student chapter. ITE professionals met with Howard students and faculty for a resume and interview workshop that was followed by two technical presentations.

The timing of the meeting was perfect, as students were already preparing for the University’s civil engineering career fair that was to be held on Wednesday, February 26th. The event began with ITE professionals engaging in one-on-one sessions with students to review resumes, conduct mock interviews, and offer any additional advice for the upcoming career fair.

Following the resume/mock interview workshop and a 15-minute networking break, the event continued with two technical presentations. The first speaker was Benito Pérez, AICP, CTP, CPM, who is the Curbside Management & Operations Planning Manager with DDOT. Mr. Pérez’s presentation included a discussion about the history of curbside management in DC and the strategies used by DDOT to mitigate the challenges they face. He emphasized the important of stakeholder engagement when it comes to curbside management. Mr. Pérez also welcomed Emilda Gwerengwe, a DDOT intern and Howard University undergraduate, to help present on the Pick-Up/Drop-Off Pilot program.

The second speaker was Burak Cesme, PhD, who in addition to being WDCSITE’s vice president is a traffic engineer for Kittelson & Associates. Dr. Cesme spoke about a study (NCHRP 03-133: Traffic Signal Design and Operations Strategies for Non-Motorized Users) conducted by Kittelson that offers guidance to agencies for improving mobility of non-motorized users at signalized intersections. Several treatment strategies were examined in close detail.

WDCSITE thanks Howard University for hosting this successful event - hopefully the first of many to come!
Jon Crisafi
Washington DC
Area Director

Elisa Mitchell
Baltimore Area
Director

John Rectanus
Financial Assistant

Vivek Hariharan
District
Representative &
Immediate Past
President
1. Please introduce yourself and tell us about your role in WDCSITE.
I have a combined experience of close to nineteen years in Civil/Transportation Engineering with expertise in Project and Program Management, Transportation Planning, Highway Design, Traffic Operations, and Construction Management. I am a Senior Project Manager of Transportation with ATCS at the Timonium Office. Prior to joining ATCS, I worked for MDOT SHA for over fifteen years. My last role at MDOT SHA was as the Assistant District Traffic Engineer for District 7. I am a member of the Baltimore Programming Committee of the WDCSITE.

2. Please tell us about your family.
I come from a highly educated family. My mother has a degree in Chemistry and Dad is a Civil Engineer (retired Resident Maintenance Engineer). My wife is an Environmental Manager working for MDOT SHA. We have one child, a boy, who is a first grader and a bundle of energy.

3. Please tell us something about your hobbies and activities outside work.
Volunteering, traveling, cooking out, and hosting friends. I have volunteered for the Food Bank, the Patapsco Heritage Greenway, and the Harford House. I have a personal life-time goal of visiting all the 62 National Parks in the US. I have completed about 20% so far.

4. Tell us briefly about your work - firm/organization, your role. What does your typical workday look like?
ATCS is a multi-disciplinary Civil Engineering, Program Management, and Emergency Management services company with about 280 employees in eight offices across NC, VA, MD, DC, and PA. We have two offices in Maryland, in Timonium and Largo. I lead the Transportation Planning, Design, and Traffic Engineering work in our Timonium office for our various public sector (County, City, and State) clients. I also have a significant business development role, in which I collaborate with other leaders within the company, and our partners to seek opportunities, develop new strategies, and work on pursuits.

5. What projects have you worked on that have had a big impact on your career or on a community?
In 2009, President Obama enacted the American Recovery and Reinvestment Act which financed several shovel ready projects for construction. I was the lead in-house design engineer for MDOT SHA for a number of these projects. The volunteer work that I am associated with have a deep impact to the community, the environment, and citizens who need food and shelter.

6. What is your favorite WDCSITE, activity/event you have participated in and what activity/event/presentation would you like to see next?
I attend most of the WDCSITE events in Maryland and like the ones where we collaborate with professional other organizations. My interests are mostly in traffic operations and geometric design. I would like to see an event that focuses on topics related to human factors in design and traffic operation.

7. When and how did you get involved with ITE and how has your involvement in ITE, especially WDCSITE, helped your career?
I became a student member of ITE in June 2002. I attended several ITE events over the years, benefited from the publications, and networking opportunities. I have also published an article in the ITE journal a couple of years ago. I saw the value of getting more involved when I had a chat last year with Adam Greenstein, 2019
getting more involved when I had a chat last year with Adam Greenstein, 2019 Baltimore Area Director of the WDCSITE. He motivated me to join the organization.

8. What topic (besides connected and autonomous vehicles) are you most interested in seeing progress in the next 10-15 years in the transportation industry?
Micromobility solutions, especially the last mile solutions that support and enhance the existing transit.

9. What advice would you give to a young transportation engineer?

- Keep dreaming
- Keep challenging your limits, and
- Never give up even if you fail repeatedly.

Impossible really does mean "I'm possible".

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### New ITE Members

WDCSITE would like to offer a warm welcome to the following new ITE members in our section!

**New Members**

Vincent K. Ho  
Kutty Menon  
Erin B. Steel

WDCSITE is happy to have you aboard and looks forward to your future participation.

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### 2020 WDCSITE Sponsors

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We would love to hear your thoughts / comments / suggestions on the newsletter. Please feel free to reach out to our newsletter committee!

Thank You,

Dana Slone, Krishna Patnam, Eric Tang, & Philip Koloski
Newsletter Committee