Chairman’s Letter

Welcome to the Fall/Winter 2018 issue of Partners in Quality!

The core mission of the Maryland Quality Initiative (MdQI) is to provide our transportation industry a forum that fosters coordinated and continuous quality improvement. Last year marked a milestone year for us as we celebrated 25 years of dedicated efforts towards that mission. The founding members built the groundwork for MdQI by moving forward with bold steps and taking calculated risks to improve the quality of transportation projects. Our goal is to have a renewed emphasis on those basic fundamentals of partnering and continuous improvement by embracing that responsibility and utilizing innovative methods to build an improved transportation system for the next generation.

We are currently living and working at an exceptional period in time for the evolution of the Maryland transportation system. So many opportunities exist right now from emerging technologies, to alternate forms of transportation, and to innovative solutions that can safely move people more rapidly. MdQI’s mission and partnering resources are uniquely positioned to establish the transportation path forward for all of us. To truly improve and grow into that future and not just simply change, it means encouraging new partners to join us in our efforts while maintaining our existing great relationships.

We are pursuing new avenues to identify previously untapped resources to offer innovative solutions to modernize our transportation system. In our steering committee meetings, we are reviewing the primary goals of our MdQI subcommittees as well as ensuring we have the proper representation that will allow us to be forward leaning for future challenges while maintaining an awareness and respect of our history.

We are personally encouraging industry members in all phases of our transportation project life cycle planning, design, construction, and maintenance; to join our MdQI partnerships efforts and offer your innovative solutions for the future.
Our 2019 MdQI Conference will be held on Wednesday, January 30th and Thursday, January 31, 2019 at the Baltimore Convention Center. Detailed information for this conference can be found in the Conference and Registration sections of this newsletter. Registration for the upcoming conference will open on November 26, 2018, and can be accessed through the MdQI website: www.mdqi.org.

In conclusion, MdQI has grown and fulfilled our quality mission for over 26 years because of the tremendous support of our sponsoring agencies, partners and the many hundreds of volunteers who have staffed our Steering Committee and Subcommittees. We look forward to your participation in the in all of our MdQI efforts throughout the year and at the upcoming 2019 MdQI Conference!

Upcoming Industry Events

**National Asphalt Pavement Association (NAPA) 2019 Annual Meeting**
January 20-23, 2019
JW Marriott Beach Resort
Marco Island, Florida

For more info and to register: [http://asphaltpavement.org/annualmeeting](http://asphaltpavement.org/annualmeeting)

**ACEC/MD Legislative Action Day**
January 22, 2019
11:30 - 2:00pm
Governor Calvert House
Annapolis, Maryland

**MRMCA 19th Annual Concrete Conference**
March 12, 2019
Delta Hotels
Hunt Valley, Maryland


**Maryland Asphalt Association’s 57th Annual Asphalt Paving Conference**
March 13, 2019
Martin’s West
Baltimore, Maryland

For more info and to register: [http://mdasphalt.org/category/events/](http://mdasphalt.org/category/events/)
26th Annual MdQI Conference

Last year, we celebrated our 25th Conference and took the opportunity to reflect on our quality journey and the many accomplishments of Maryland’s Transportation Industry, which were documented in a Commemorative Book and Video. As we move towards the future, our 14 Sponsoring Agencies are dedicated to continuing to provide innovation in all phases of project delivery, improve our communication both internally and externally, and provide exceptional customer service to all stakeholders.

The 26th Annual MdQI Conference will be held on Wednesday, January 30th and Thursday, January 31, 2019 at the Baltimore Convention Center. We will again provide 25 Technical Sessions to satisfy your professional development hour requirements and many opportunities to network with the leaders of Maryland’s Transportation Industry. Make sure to mark your calendars, and we look forward to seeing you at the conference!

Conference Synopsis

Day 1
January 30, 2019

The morning will begin with registration and two special events. The first event is the popular Ethics Training Session. Due to the large attendance we have experienced in the past, we plan on simulcasting the session in a second room for an overflow of attendees. This year’s session will be presented by Jim Johnson, Jr. P.E., and explore the importance of ethics in the engineering profession by covering what ethics in engineering means, the impact of ethics throughout your engineering career, and the code of ethics overlay.

In addition, we are excited to offer for the first time, a MBE Meet and Greet Event, where Minority Owned Firms will have the opportunity to meet with Prime Engineering Firms and/or Prime Contractors/Suppliers. We already have over 20 Prime Engineering firms and Contractors registered for this event. See the flyer included in this newsletter for information on how MBE Firms can register to meet with the Primes.

At lunchtime, we will officially open the MdQI Conference and provide an overview of the sessions and activities. We will also welcome and introduce Michael Sakata, MTBMA’s new Executive Director. Prior to joining MTBMA, Michael served as American Road & Transportation Builders Association’s (ARTBA) Vice President of Services & Technology and the Executive Director of the Metropolitan Washington Road & Transportation Association (MWRTBA). Lunch will conclude with the FHWA’s Awards Presentation for projects and people that have demonstrated exemplary performance in 2018. The afternoon will be filled with ten (10) Technical Sessions followed by a reception in the evening, the return of the Pinewood Derby Races, and this year’s Engineering Challenge.

Day 2
January 31, 2019

The morning Opening Session will include updates on Key MdQI Objectives, followed by Keynote Speaker: David Bauer, the Executive Vice President for Advocacy of ARTBA. David Bauer will become the President & CEO of ARTBA on January 1, 2019 and will provide an update on the Highway Trust Fund. We are happy to have such a distinguished Keynote Speaker for the MdQI Conference. The morning Opening Session will be followed by five (5) Technical Sessions.

During Lunch, we will have a session on MdQI Innovations, a showcase of the innovations of several of our Sponsors. Lunch will conclude with the announcement of the winners of the Pinewood Derby, Engineering Challenge, and Vendor Booth contest. The afternoon will feature ten (10) Technical Sessions. Evening activities will feature a reception and the Annual MdQI Awards of Excellence Program and Dinner.
Vendor Booth Contest

This conference would not be possible without the continuous support of our vendors which includes agencies, contractors, material suppliers, and engineering firms. Vendor exhibit booths will open following lunch on Day One.

The vendor theme for this year will be a Tropical Theme: “Sand, Sun and Cruising Fun”. Our vendors are always very creative, and we look forward to how they will interpret the theme and decorate their booths! The winner of the Vendor Booth Contest will be announced at the Day 2 Lunch, so please cast your votes before then.
MdQI Minority-Owned Meet & Greet Event

January 30, 2019
9:30-11:30AM
Baltimore Convention Center
Opportunity for Minority-Owned Firms to Meet with Prime Engineering Firms AND/OR Prime Contractors/Suppliers

TWO SEPARATE TRACKS WILL BE AVAILABLE
YOU MUST SELECT A TRACK WHEN REGISTERING

ENGINEERING
CONTRACTOR/SUPPLIER

Networking
Matchmaking
Education

☑ Opportunity to Introduce Your Firm
☑ Opportunity to Discuss Upcoming Projects
☑ Opportunity to Leave Behind Your Company Information
☑ Opportunity to Connect with Potential Teaming Partners

REGISTER NOW!

Plan to send one to two representatives from your company. Your representative will rotate through the selected track (either engineering firms or contractors/Suppliers). You will meet all Prime companies on a timed rotating basis throughout the two-hour session. This will provide you with maximum exposure to all Prime companies.

Registration Fee: FREE
Registration Deadline: December 1st, 2018
(register early - registration will be limited to 15 firms!)
To Register, Visit: www.mtbma.org
For Questions Regarding the Contractor/Supplier Track, Please Contact:
Alyssa Girouard at atgirouard@wagman.com
For Questions Regarding the Engineering Track, Please Contact:
Elizabeth Brusio at EBrusio@wallacemontgomery.com

Registration for the MdQI Conference (January 30 & 31, 2019) will open at a later date!
MdQI Minority-Owned Meet & Greet Event

Frequently Asked Questions and Tips

► Will this session run for the full two hours?
Yes. The session will begin promptly at 9:30 AM. Please plan to arrive a couple of minutes early so that you can sign in and obtain your rotation schedule and receive directions for the session. We will have a short break at the one-hour mark.

► How long will I be allowed to meet with each Prime company?
Each meeting will be approximately 5 minutes. A signal will be made by the room moderator when your time is up and you will have approximately 1 minute to transition to the next Prime company on your rotation list.

► Will I be allowed to select which Prime companies I wish to meet with at the event?
No. Each Minority-Owned firm will rotate through the entire room — allowing you the opportunity to meet with all Prime companies. Upon arrival, you will be provided with a rotation schedule for the entire session. Each meeting will be approximately 5 minutes with each company. A signal will be made by the room moderator when your time is up and you will have approximately 1 minute to transition to the next Prime company on your rotation list.

► What if there is a company within my rotation schedule that I do not wish to meet with?
If there is a company within your rotation schedule that you do not wish to meet with — you will simply stand quietly within the room during that five-minute period or walk out of the room. Keep in mind, that you will need to fall back into rotation when the transition signal is given if you plan to continue with the next company in your rotation schedule.

► What should I expect at the meet and greet event?
You should expect face-to-face meetings with each of the Prime companies on-site. This is an opportunity to meet with the Prime company one-to-one for 5 minutes each. This is an opportunity for you to present yourself and your firm’s services.

► How do I prepare for my one-to-one introduction meetings prior to the event?
Do a little research on the Prime companies – visit their websites.

► What should a minority-owned firm bring to the one-to-one introduction meeting?
You are not required to bring anything. However, it is suggested that you bring, at a minimum, the following:
  • Your business card

► During a one-to-one introduction meeting, a Minority-Owned firm representative may wish to do the following:
  • Introduce yourself/company
  • Explain what your company does — what services your firm offers
  • Provide a capability statement/brochure
  • Leave an SF 330 Part I / Resumes of Key Staff / Sample Projects
  • Provide a list of upcoming projects that you are interested in pursuing with that specific firm
  • Leave a business card

► What should I do after the meet and greet event?
You are not required to do anything after the event. However, you may wish to do some or all of the following:
  • Follow-up with some or all of the Prime companies that you met.
  • Build a relationship from this point of contact.
  • Send a thank you note.
Engineering Challenge
Ping Pong Ball Cannon Contest – 2019

Mission – Build a cannon that can launch a ping pong ball over a barrier and land it as close as possible to three different targets.

Construction will not take place at the MDQI conference. Teams will construct a cannon prior to the contest using the following materials only: cardboard tubes, cardboard boxes, duct tape and rubber bands. Cannon may sit on the floor or be hand held. Ping pong balls will be provided at the contest by the MDQI judges. Materials for the cannon are supplied by the team.

The contest will be set up as follows. There will be a barrier (30” high table) set up with the teams on one side and targets on the other. Teams will set up behind a line that is 10 feet from the table. All team members and their device must be completely behind this line. Three targets shall be located at distances of 20’, 30’, and 40’ from the line. All launch attempts must pass over the table in the air. Any ping pong ball that lands on the contestant side of the table, or hits the table, wall, ceiling or spectator will not be measured for distance but will count as an attempt.

Each team will be given six attempts to launch a ping pong ball and have it land as close as possible to three separate targets. Each team must record at least one score for each target in their six attempts. Judges will measure the offset distance from the landing point to the target selected by the team and will record that score. Note that the team does not have to declare a target prior to launching. They may select whichever they decide will give them the best score. The team with the lowest total when their three offset distances are added together will be the winner.

Example of possible scoring. First attempt lands 6 feet from Target A and 8 feet from Target B. The team elects to record the score for Target A. Second attempt lands 2 feet from Target A and 10 feet from Target B. The team elects to vacate the previous score for Target A and replace it with the score from the second attempt. Note the team can not now use the score from the first attempt for Target B. Team elects to apply the next three attempts to Target C. The sixth or final shot lands 1 foot from Target A but must be applied to Target B because Target B has no score and all three targets must have a score.

There is no entry fee for this year’s contest. You must register with gvaughan@SHA.STATE.MD.US prior to 12/31/2018. Firms may have multiple teams / entries, but you need to indicate how many when you register. Check the MDQI website for answers to frequently asked questions as they come in.
Surf's Up! Back By Popular Demand:
2019 Pinewood Derby

Sand, Sun, and Crusin' Fun presents the annual "Quest for the Rose Cup"

Interested vendor dudes and dudettes are asked to build a pinewood derby vehicle, with the following dimensions: Maximum Height: 2"; Maximum Width: 1.75"; Maximum Length: 7.0"; Maximum Weight: 5 oz.; Axle width (Lane Guide): 1.625"; Minimum Height to bottom of axle: 0.25"; all vehicles should be marked with your company’s name or logo.

We will be using the following "Rules" to keep the competition fair but spirited: Your vehicle must have started out at some point in its life as part of a "basic" boy scout pinewood derby kit (a block of wood, 4 nails, and 4 plastic BSA wheels - see www.boyscoutstore.com for details); NO solid axels; NO "pin" axels (you must use nails); NO "wafer" wheels, the front of the car must be clearly identified, the front of the car must be at least 0.25" wide so it can rest on the starting pin (NO pointed or slotted fronts). Each vehicle must have four working BSA wheels and they have to spin. Let's try and keep it fair or we will have to throw you to the sharks. Also this year we would like to have as many participants as possible. Our last derby in 2017 was a full field. In addition, while winning is fun, being able to represent your organization with a laid back beach or island themed vehicle is pretty cool too. We will reprise the Tabacek Trophy for the vehicle that most closely resembles our vendor theme. In the spirit of more competition we are again opening up this year's event to vehicles that have graced the MdQI track in previous years as long as they meet the specifications outlined above. So take your best shot, and if you can't race well, at least look good and take home the Tabacek Trophy for "best in show".

Weigh-ins will occur prior to racing so please make sure your vehicle meets all of the specifications. Only one (1) entry per company/organization, please. The track will be available for a "race-off" for companies with more than one contestant. The winner of the Derby will have their company logo prominently displayed on 2020 Conference promotional items.

Please contact us at mdqiderbymaster@yahoo.com by COB on Thursday January 17, 2019 if you will be participating in the Derby competition this year. More details will be sent out to participating vendors prior to the conference.

THANK YOU - MdQI Pinewood Derby Contest Team

MdQI Conference Schedule

The 2019 Annual MdQI Conference is scheduled for January 30 and 31, 2019 with the Annual MdQI Awards of Excellence presentation and banquet the evening of Thursday, January 31st. This year’s conference features 25 Technical Sessions which were identified by the 14 Sponsors of MdQI representing Maryland’s Transportation Industry. Each Technical Session is presented by a panel comprised of public/private professionals considered experts in the topic area. Many of the topics present the results of the year-round work of the MdQI Subcommittees and will provide insight into the direction, future and innovations of the transportation industry. Conference attendees participate in the breakout topics of their choice shown in the schedule below.

### DAY ONE: WEDNESDAY, JANUARY 30, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Rooms</th>
<th>Location</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am</td>
<td></td>
<td>Room 337/338</td>
<td>Registration Starts</td>
</tr>
<tr>
<td>9:30 - 11:30am</td>
<td></td>
<td>Room 393/394</td>
<td>Minority Owned Firm Meet &amp; Greet Event – Room 343/344</td>
</tr>
<tr>
<td>10:30 - 11:30am</td>
<td></td>
<td>Room 341/342</td>
<td>Ethics Training - Room 337/338 &amp; Simulcast in 339/340</td>
</tr>
<tr>
<td>11:30 - 1:30pm</td>
<td></td>
<td>Room 343</td>
<td>Welcome, Overview of Sessions, MTBMA Executive Director &amp; FHWA Awards Presentation</td>
</tr>
<tr>
<td>1:30 - 2:30pm</td>
<td>Room 337/338</td>
<td>Room 339/338</td>
<td>Every Day Counts: Data Driven Safety Analysis</td>
</tr>
<tr>
<td>3:00 - 4:00pm</td>
<td>Room 393/394</td>
<td>Room 341/342</td>
<td>Connected Automated Vehicles (CAV)</td>
</tr>
<tr>
<td>4:00 - 5:00pm</td>
<td>Room 343</td>
<td>Room 344</td>
<td>Design-Build Estimate to Construction</td>
</tr>
<tr>
<td>7:30am</td>
<td></td>
<td>Room 337/338</td>
<td>REGISTRATION &amp; CONTINENTAL BREAKFAST</td>
</tr>
<tr>
<td>9:00 - 10:15am</td>
<td></td>
<td>Room 393/394</td>
<td>MdQI Update, Key Objectives, Keynote Speaker David Bauer, President &amp; CEO ARTBA</td>
</tr>
<tr>
<td>10:45 - 11:45am</td>
<td>Room 341/342</td>
<td>Room 343</td>
<td>MDOT MVA Maryland Highway Safety Office</td>
</tr>
<tr>
<td>11:45 - 2:00pm</td>
<td>Room 344</td>
<td>Room 345</td>
<td>Delivering the Purple Line P3 Mega Project</td>
</tr>
<tr>
<td>2:30 - 3:30pm</td>
<td></td>
<td></td>
<td>I-270 and MD 32 Innovations &amp; Lessons Learned</td>
</tr>
<tr>
<td>4:00 - 5:00pm</td>
<td></td>
<td></td>
<td>MDOT MAA Update</td>
</tr>
<tr>
<td>5:00 - 6:00pm</td>
<td></td>
<td></td>
<td>Innovative Reuse of Dredged Materials</td>
</tr>
<tr>
<td>6:00 - 8:00pm</td>
<td></td>
<td></td>
<td>RECEPTION, PINEWOOD DERBY RACE &amp; ENGINEERING CHALLENGAN</td>
</tr>
</tbody>
</table>

### DAY TWO: THURSDAY, JANUARY 31, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Rooms</th>
<th>Location</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30am</td>
<td></td>
<td>Room 337/338</td>
<td>REGISTRATION &amp; CONTINENTAL BREAKFAST</td>
</tr>
<tr>
<td>9:00 - 10:15am</td>
<td></td>
<td>Room 393/394</td>
<td>MdQI Update, Key Objectives, Keynote Speaker David Bauer, President &amp; CEO ARTBA</td>
</tr>
<tr>
<td>10:45 - 11:45am</td>
<td>Room 341/342</td>
<td>Room 343</td>
<td>MDOT MVA Maryland Highway Safety Office</td>
</tr>
<tr>
<td>11:45 - 2:00pm</td>
<td>Room 344</td>
<td>Room 345</td>
<td>Delivering the Purple Line P3 Mega Project</td>
</tr>
<tr>
<td>2:30 - 3:30pm</td>
<td></td>
<td></td>
<td>I-270 and MD 32 Innovations &amp; Lessons Learned</td>
</tr>
<tr>
<td>4:00 - 5:00pm</td>
<td></td>
<td></td>
<td>MDOT MAA Update</td>
</tr>
<tr>
<td>5:00 - 6:00pm</td>
<td></td>
<td></td>
<td>Innovative Reuse of Dredged Materials</td>
</tr>
<tr>
<td>6:00 - 8:00pm</td>
<td></td>
<td></td>
<td>RECEPTION, PINEWOOD DERBY RACE &amp; ENGINEERING CHALLENGAN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Rooms</th>
<th>Location</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 - 10:00am</td>
<td></td>
<td>Room 337/338</td>
<td>Road Salt Management and Environmental Impacts</td>
</tr>
<tr>
<td>10:00 - 11:00am</td>
<td>Room 393/394</td>
<td>Room 341/342</td>
<td>MDOT Procurement Update</td>
</tr>
<tr>
<td>11:00 - 12:00am</td>
<td>Room 343</td>
<td>Room 344</td>
<td>Customers; They’re Our Partners Too!</td>
</tr>
<tr>
<td>12:00 - 1:00pm</td>
<td></td>
<td></td>
<td>Concrete Pavement Design Simplified</td>
</tr>
<tr>
<td>1:00 - 2:00pm</td>
<td></td>
<td></td>
<td>MDQI UPDATE, INDUSTRY INNOVATIONS &amp; WINNERS OF VENDOR EXHIBIT, PINEWOOD DERBY AND ENGINEERING CHALLENGAN</td>
</tr>
<tr>
<td>2:00 - 3:00pm</td>
<td></td>
<td></td>
<td>Smart Cities</td>
</tr>
<tr>
<td>3:00 - 4:00pm</td>
<td></td>
<td></td>
<td>Road Salt Management and Environmental Impacts</td>
</tr>
<tr>
<td>4:00 - 5:00pm</td>
<td></td>
<td></td>
<td>MDOT Procurement Update</td>
</tr>
<tr>
<td>5:00 - 6:00pm</td>
<td></td>
<td></td>
<td>Customers; They’re Our Partners Too!</td>
</tr>
<tr>
<td>6:00 - 8:00pm</td>
<td></td>
<td></td>
<td>Concrete Pavement Design Simplified</td>
</tr>
<tr>
<td>1:00 - 2:00pm</td>
<td></td>
<td></td>
<td>MDQI UPDATE, INDUSTRY INNOVATIONS &amp; WINNERS OF VENDOR EXHIBIT, PINEWOOD DERBY AND ENGINEERING CHALLENGAN</td>
</tr>
<tr>
<td>2:00 - 3:00pm</td>
<td></td>
<td></td>
<td>Smart Cities</td>
</tr>
<tr>
<td>3:00 - 4:00pm</td>
<td></td>
<td></td>
<td>Road Salt Management and Environmental Impacts</td>
</tr>
<tr>
<td>4:00 - 5:00pm</td>
<td></td>
<td></td>
<td>MDOT Procurement Update</td>
</tr>
<tr>
<td>5:00 - 6:00pm</td>
<td></td>
<td></td>
<td>Customers; They’re Our Partners Too!</td>
</tr>
<tr>
<td>6:00 - 8:00pm</td>
<td></td>
<td></td>
<td>Concrete Pavement Design Simplified</td>
</tr>
</tbody>
</table>
# MdQI Registration Information

**MdQI Conference Information**

January 30-31, 2019 | Baltimore Convention Center | 1 W. Pratt Street | Baltimore, MD 21201

**Hotel Accomodations**

Hilton Baltimore Hotel | 40 West Pratt Street | Baltimore, MD 21201 | 1(888) 243-9696


*Discounted MdQI Conference Rate: $159.00*

**Registration Options** (Exhibitor and attendee registration to open 11/26/2019):

*ETHICS TRAINING IS INCLUDED WITH DAY 1 & 2 REGISTRATION OPTIONS*

<table>
<thead>
<tr>
<th>Registration Options</th>
<th>Early Bird Before January 7, 2019</th>
<th>After January 7, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRIVATE INDUSTRY CONFERENCE RATES &amp; OPTIONS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day One: Wednesday, January 30, 2019 (Ethics Training</td>
<td>Sessions</td>
<td>Lunch</td>
</tr>
<tr>
<td>Day Two: Thursday, January 31, 2019 (Continental Breakfast</td>
<td>Sessions</td>
<td>Lunch)</td>
</tr>
<tr>
<td>Days One &amp; Two: January 30-31, 2019 (Reception</td>
<td>Awards Dinner NOT INCLUDED)</td>
<td>$290</td>
</tr>
<tr>
<td>Full Conference: January 30-31, 2019 (Reception &amp; Awards Dinner INCLUDED)</td>
<td>$400</td>
<td>$475</td>
</tr>
<tr>
<td>Thursday, January 31, 2019 (Reception &amp; Awards Dinner ONLY)</td>
<td>$110</td>
<td>$135</td>
</tr>
<tr>
<td>Exhibitor Hall Pass (Two Day Pass) (Food &amp; Bar NOT INCLUDED)</td>
<td>$50</td>
<td>$75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Registration Options</th>
<th>Early Bird Before January 7, 2019</th>
<th>After January 7, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GOVERNMENT CONFERENCE RATES &amp; OPTIONS (STATE, FEDERAL OR LOCAL)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day One: Wednesday, January 30, 2019 (Ethics Training</td>
<td>Sessions</td>
<td>Lunch</td>
</tr>
<tr>
<td>Day Two: Thursday, January 31, 2019 (Continental Breakfast</td>
<td>Sessions</td>
<td>Lunch)</td>
</tr>
<tr>
<td>Days One &amp; Two: January 30-31, 2019 (Reception</td>
<td>Awards of Excellence &amp; Dinner NOT INCLUDED)</td>
<td>$250</td>
</tr>
<tr>
<td>Full Conference: January 30-31, 2019 (Reception &amp; Awards Dinner INCLUDED)</td>
<td>$345</td>
<td>$420</td>
</tr>
<tr>
<td>Thursday, January 31, 2019 (Reception &amp; Awards Dinner ONLY)</td>
<td>$95</td>
<td>$120</td>
</tr>
<tr>
<td>Exhibitor Hall Pass (Two Day Pass) (Food &amp; Bar NOT INCLUDED)</td>
<td>$50</td>
<td>$75</td>
</tr>
</tbody>
</table>
NEWS FROM OUR SPONSORING AGENCIES
Message from Maryland Transportation Builders & Materials Association’s Michael Sakata

My name is Michael Sakata and I recently took over as MTBMA’s Executive Director. I have had the pleasure of meeting many of you since my tenure began in July. Thank you to the many of you that have made my transition into MTBMA smooth and successful. During these first few months with MTBMA, I have had the opportunity to participate on several MdQI committees which include the steering, conference, innovation, and public relations. With my recent involvement, I have been able to witness firsthand the countless hours the committee members and volunteers are investing in the upcoming 2019 MdQI Conference. Furthermore, I am honored to be a speaker and look forward to collaborating on innovative ideas with the attendees.

A little about me, prior to joining MTBMA, I served as the American Road & Transportation Builders Association’s (ARTBA) Vice President of Services & Technology. During my sixteen-plus years at ARTBA, I managed several major contracts, the association’s digital and information technology portfolio, and two ARTBA member divisions. Since 2013, I served as the executive director of both the Metropolitan Washington Road & Transportation Association (MWRTBA), an ARTBA-managed affiliation. In addition, I managed ARTBA’s National Work Zone Safety Information Clearinghouse contract and served as the managing director of the over 1,200-member ARTBA Transportation Officials Division.

In addition to the transportation industry, my passion is technology. I am a certified Project Management Professional and Microsoft Certified Systems Engineer, and hold a Bachelor of Sciences degree in Decision Sciences/Management Information Systems from the George Mason University’s School of Business.

As Apple founder Steve Jobs once said, “If you are working on something exciting that you really care about, you don’t have to be pushed. The vision pulls you.” My vision for MTBMA is to bring this already-successful association into the future with innovative ideas, incorporating technology and collaboration whenever and wherever possible. I want to build on MTBMA’s prior and existing initiatives, being as inclusive as possible to ensure other association and agency partners become involved with our mission. Our strength will grow in numbers and my vision includes fostering the next generation’s workforce and leaders. In our first step in what will be many towards accomplishing this goal, MTBMA hosted a successful “40 Under 40” event at the Guinness Factory in Baltimore for our members of all ages.

Our goal is to host and partner on other events in the future that will continue to bring our members together and build connectivity. The 2019 MDQI Conference is an example of such an initiative and we look forward to seeing you all in January at the event.

Michael Sakata
MTBMA Executive Director
Spotlight on MdQI’s Newest Sponsoring Agency: The MDOT Maryland Port Administration (MPA)

We announced in the Spring/Summer 2018 issue of “Partners in Quality” that the MDOT MPA has joined MdQI as a Sponsoring Agency. MdQI now represents all the modes of transportation in Maryland as we continue our quality journey.

Here are some highlights of the tremendous impact MDOT MPA has on Maryland’s economy:

The MDOT MPA oversees and manages the six public marine terminals of the Helen Delich Bentley Port of Baltimore. The Port of Baltimore is one of the busiest ports in the U.S. In 2017, the Port of Baltimore’s public and private marine terminals handled 38.4 million tons of cargo, the most since 1979, and the third-highest tonnage in its history.

The public marine terminals, managed by the MDOT MPA, handled a record 10.7 million tons of general cargo. Included in the general cargo number was a record 596,972 containers, an 11 percent jump from the previous record set in 2016. Among the nation’s ports, the Port of Baltimore ranks first for autos and light trucks, roll on/roll off heavy farm and construction machinery, and imported sugar. The Port ranks second in exported coal.

Overall, the Port ranks ninth among all ports for the total dollar value of cargo and 12th in foreign cargo tonnage. One of Maryland’s leading economic engines, the Port of Baltimore generates about 13,650 direct jobs, while about 127,600 jobs in Maryland are linked to Port activities. The Port is responsible for nearly $3 billion in personal wages and salary and more than $300 million in state and local tax revenues.

We are excited and proud to finally call the MDOT MPA one of our Sponsoring Agencies helping to advance quality in Maryland!
Maryland has experienced record levels of vehicle miles of travel on its highways in recent years. This increased demand on our transportation infrastructure is a result of population and job growth, increased socio-economic activities, additional freight deliveries, and increased use of mobility service providers. MDOT SHA recognizes that a coherent approach that balances additional capacity and optimized use of the existing system is needed to improve operations on Maryland’s roadways. This new way of thinking, known as Transportation Systems Management and Operations (TSMO), is our integrated approach to programmatic optimization and integration of planning, engineering, operations, and maintenance functions. TSMO enables us in developing, implementing and managing new and existing multi-modal systems, services, and projects to preserve capacity and improve the security, safety, and reliability of Maryland’s transportation system.

TSMO strategies include: Traffic Incident Management; Work Zone Management; Traveler Information Services; Road Weather Management; Freeway Operations including Managed Lanes and Ramp Management; Integrated Corridor Management; Traffic Signal Coordination; Electronic Toll Collection; and Freight Management.

Maryland has been implementing many of the above TSMO strategies through the Coordinated Highways Action Response Team (CHART) and other multimodal programs for several years. MDOT SHA adopted its first TSMO Strategic Implementation Plan in 2016 and has made tremendous progress in implementing various strategies in the last couple of years. With strategic guidance from the TSMO Executive Committee, the Office of CHART and ITS Development has recently taken on the TSMO program implementation responsibility by appointing a New Deputy Director/TSMO Program Manager. The duties of this new leadership position are to formalize and oversee implementation of a comprehensive TSMO Program that connects every area of what the agency does into one integrated, systematic and effective network. The TSMO Program connects the dots and builds upon the successes of individual program areas at MDOT SHA. Earlier this month, an updated 2018 TSMO Strategic Plan was approved by the Administrator and TSMO Executive Committee, that will further formalize policies and guidance, and mainstream TSMO as a culture within MDOT SHA.

Examples of TSMO projects and solutions that are at various stages of development and implementation include: the I-270 Innovative Congestion Management project; the Capital Beltway (I-495) and I-270 Traffic Relief Plan Public Private Partnership; the statewide Smart Signals program; the Connected Automated Vehicle (CAV) pilot deployment corridor on US-1; and hard shoulder running operations on the Baltimore Beltway (I-695). In coming months, MDOT SHA will work on TSMO Plan implementation. A huge focus of the program success will depend on TSMO awareness at all parts and levels of the agency, providing organizational and sustainable funding structures to mainstream TSMO strategies. Success will also depend on collaboration with other MDOT Transportation Business Units, Metropolitan Planning Organizations, other state and federal partners, consultants, stakeholders and customers.

Through our collective efforts, MDOT SHA will continue to advance the TSMO Program through hard work, collaboration, and innovation to improve Maryland’s multimodal transportation network for the benefit of all users. TSMO provides us with an opportunity for a “cultural shift” towards transportation management and operations within and outside the agency. TSMO provides a great framework to modernize, innovate and communicate to offer those who travel on Maryland’s roadways exceptional customer service.
New University of Maryland College Park Civil Engineering Lab Opening

Marshall Klinefelter, MAA and Dr. Chuck Schwartz, Civil and Environmental Engineer professor and chair, celebrate the dedication of the Whiting-Turner Infrastructure Engineering Laboratories. Dr. Schwartz commented: “Civil engineering is a tactile field. For students to be successful, they need direct interaction with the materials, testing techniques, and instrumentation used in infrastructure design, construction, and performance monitoring.” The MAA and its members support this facility through direct donations and scholarships.

National Asphalt Pavement Association (NAPA) 2019 Annual Meeting

Join the NAPA 2019 Annual Meeting from January 20-23, 2019 to ensure your company is ready for the opportunities and challenges. Industry and academic experts will cover wide range of important topics for the asphalt pavement industry, including cutting-edge research, new technologies, and business leadership. General Sessions and workshops will set you on course to provide superior quality pavements, meet new customer demands, and gain valuable business insights. Combined with invaluable industry networking opportunities, NAPA’s Annual Meeting is where asphalt industry professionals share, collaborate, and learn … all in one place.

Mike Rowe, best known as the “dirtiest man on TV,” a title he earned on the hit TV series Dirty Jobs, will be the keynote speaker at the 2019 NAPA Annual Meeting. He has narrated hundreds of documentaries about space, nature, dinosaurs, and how stuff works. Mike will share the surprising lessons he has learned as an apprentice traversing all 50 states and attempting 300 different jobs.

Alison Levine will keynote a session that explains how you can uncover hidden talents and turn perceived weaknesses into strengths. In “Pulling Your Weight: Your Biggest Competitive Advantage is You,” Levine will recount lessons learned on history-making expedition to the South Pole in which she crossed 600 miles of Antarctic ice with 150 pounds of gear.
MRMCA & ACPA Mid-Atlantic Sponsor MdQI & Provide Workshops for the 2019 MdQI Conference

During the 2019 MdQI Conference, the sponsors and sub-committees will be coordinating presentations that encompass their committee’s focus through workshops and seminars. As a sponsor, the MRMCA will be offering a topic on “Practical Pavements for Preserving Roads” where the presenter, Phil Kresge, National Ready Mixed Concrete Association, will share local and national concrete pavement resources and solutions including design assistance for a variety of applications. Phil will also present case studies of Maryland concrete overlay projects including MD 355 at MD 27, US 50 at MD 301, various turn lanes, I-68 truck climbing lanes, and others during the workshop.

Also, this year, MdQI Sponsor, ACPA, will coordinate a 2019 conference workshop titled, “Concrete Pavement Design – Simplified”. Eric Ferrebee, EIT, ACPA’s Director of Technical Services, will demonstrate the free web-based software pavementdesigner.org. The software was created for city and county officials and consultant engineers, academia, or anyone involved in the design of streets, local roads, intersections, bus pads, climbing lanes, parking lots, and intermodal/industrial facilities. This software was developed by the National Ready-Mix Concrete, the Portland Cement, and the American Concrete Pavement Associations.

ACPA & MRMCA Offer Continuing Education Credits to the Design Community

This complimentary service covers general topics on concrete pavement design and construction as well as specific topics regarding Concrete Overlays, Roller Compacted Concrete Pavements, Full Depth Recycling, Previous Concrete, etc. Seminars and lunch-n-learn presentations can easily be scheduled for your firm by contacting either association.

Email MRMCA: Info@MarylandConcrete.com
Email ACPA: tjb@pjromano.com
NEWS FROM OUR SUBCOMMITTEES
Millenials...Get Involved!

MdQI is looking to get young industry professionals more involved. How can you participate? By becoming a MdQI Subcommittee Member, an Outreach Participant, and/or provide feedback. Each of these areas are described below.

MdQI Member

The MdQI Steering Committee draws industry partners into Maryland's transportation plan and serves as a link between stakeholders. Your opinion is valued, and we are looking to get a fresh perspective to drive Maryland's transportation industry forward. As a member, you can participate in one of the 14 MdQI Subcommittees.

For a list of the various subcommittees and current members, visit: mdqi.org. If you are interested in joining a Subcommittee, please contact Marissa Lampart, MDOT SHA by e-mail at: mlampart@sha.state.md.us or by phone: (410) 545-8694

Outreach Volunteer

Encouraging youth to dive into the world of engineering helps create a better future for everyone. The goal of the MdQI Industry Training and Recruitment (IT&R) Subcommittee is to improve awareness of career opportunities in transportation engineering and construction. Supporting this goal, the subcommittee hosts several Career Day workshops throughout the year for middle and high school students.

Want to volunteer for an event or join this subcommittee's board? Please contact Marissa Lampart, Training & Recruitment Co-Chair, MDOT SHA at: mlampart@sha.state.md.us

Feedback Wanted

The younger voices of our industry are under-represented, and we are seeking input on the current MdQI Steering Committee. If you are between the ages of 21-38, join our focus group so we can hear your ideas on how to increase interest and participation in the Annual MdQI Conference.

For more information, please contact Marissa Lampart, MDOT SHA at mlampart@sha.state.md.us
IT&R 13th Annual Career Day

On October 24, 2018, MdQI hosted students from seven high schools from Anne Arundel County and the District of Columbia College Access Program for the 13th Annual Career Day. The event, held at Michael’s 8th Avenue, introduced 400 students to the many different career paths in the transportation engineering and construction industry. During the event, students were able to interact with professionals, and see and have hands-on experiences in the various areas of the transportation industry. Photos from the event can be found on Facebook using the following link: facebook.com/MdQIOutreach

The annual Career Day event would not be possible without the support of many partners in MdQI, Anne Arundel County Public Schools, DC College Access Program, and Michaels 8th Avenue.

Our thanks go to the following companies who provided volunteers and or equipment for the event:
Maryland Department of Transportation State Highway Administration; Rummel Klepper & Kahl; Johnson Bernat Associates; Whitman Requardt & Associates; Sunrise Safety Services; Johnson, Mirmiran & Thompson; Prime AE Group; A. Morton Thomas & Associates, Inc.; STV Incorporated, Brawner Builders, Inc.; P. Flanigan; Cheney Enterprises; MDOT SHA Glen Burnie Shop; Alban Cat; and Fay, an i+iconUSA Company.

Our next event will be at the Engineers Club on Wednesday February 20, 2019, to help celebrate Engineers Week. We are always looking for outgoing speakers for our events - if you are interested in helping the MdQI Industry Training and Recruitment Team, please contact the Training & Recruitment Co-Chair, Marissa Lampart, at (410) 545-8694, or by email at: mlampart@sha.state.md.us.
IT&R 13th Annual Career Day Photos
Innovation Subcommittee

The Innovation Subcommittee is proud to announce the first Innovation Showcase to be presented at the 2019 MdQI Conference. What better an opportunity to share the many innovations that are present throughout the Maryland transportation industry than in front of nearly 1,000 conference attendees?

Our subcommittee has reached out to the 14 Agency/Association sponsors that comprise MdQI to solicit their innovative ideas to share with the conference attendees. The MdQI Steering Committee will be reviewing the submissions to determine which top innovations will be presenting at the upcoming conference. We have emphasized that innovations can take many forms, and we'd prefer to not be overly restrictive in our definition to encourage and promote the many innovations that are taking place; regardless if it is a first of its kind innovative idea, innovative to the Maryland transportation industry, or an enhancement to an existing process.

Our subcommittee will be looking for additional venues to showcase the innovations that our member agencies and associations wish to share, so we can collectively learn and adopt those innovations that ultimately become best practices in our local industry in fulfillment of the MdQI mission. We encourage you to reach out to any of the Steering Committee, Subcommittee, or Agency/Association representatives if you have an innovation that you feel would be beneficial to share with the industry. Steering Committee and Subcommittee members along with a list of MdQI agency and association members can be found at the MdQI website located at: mdqi.org.
PARTNERS IN QUALITY
An MdQI Publication

The MdQI Steering Committee is jointly sponsored by representatives of the following agencies:

- Department of Transportation
- Federal Highway Administration
- Maryland Department of Transportation
- Maryland Asphalt Association
- Maryland Transportation Builders and Materials Association
- Maryland Aviation Administration
- Maryland Port Administration
- Maryland Transportation Authority

The MdQI Mission - “To provide the Maryland transportation industry a forum that fosters coordinated and continuous quality improvement in order to ensure safe, efficient, environmentally sensitive and sustainable systems to meet the needs of all transportation stakeholders.”

Don’t forget to visit our website at www.mdqi.org