



Partners in Quality

A Publication of the Maryland Quality Initiative
Steering Committee (MdQI)

Fall/Winter 2017

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Chairman's Letter

Welcome to the Fall/Winter 2017 issue of Partners in Quality! 2017 has been a remarkable year for MdQI and the transportation industry in Maryland. Our sponsoring agencies are facing the challenges of delivering major infrastructure projects and programs statewide including.

- I-270 Innovative Congestion Management Project
- Construction of the Purple Line in the Washington Suburbs
- BaltimoreLink: The Launch of a New Bus System in Baltimore
- Congestion Relief Improvements for I-495/I-95, I-270 and MD 295
- Traffic Relief Plan for Implementation of Smart Signals for Traffic Relief
- BWI Airport Improvements to maintain their "Easy Come, Easy Go" Reputation

Our Partners are also facing challenges in enhancing the customer service experience for our stakeholders, improving communications, and modernization of our organizations and facilities for changing and advance technologies. Many of these challenges will be discussed at the 2018 MdQI Convention.

Innovation Update: We are also working to facilitate an environment that promotes innovation. For example, MDOT SHA has a program called "Project Green Light" which operates like a version of the show "Shark Tank" with various MDOT SHA employees pitching innovative ideas. If the idea is chosen, the MDOT SHA employees will be involved in the development and implementation.

The Maryland Transportation Innovation Council (STIC) is composed of members of the MDOT SHA, FHWA, MTBMA, MdQI, Baltimore City DOT, ACEC/MD, Morgan State University National Transportation Center, and the University of Maryland National Transportation Center. During the summer, the STIC met with the FHWA State Transportation Innovation Councils representatives to discuss initiatives in Maryland and progress on Every Day Counts - 4 initiatives. A new Charter has been signed by Gregory Murrill, FHWA Division Administrator and Gregory Slater, MDOT SHA Administrator, which solidifies our commitment to innovation in Maryland. One of the outcomes of the meeting was to develop a process where the new MdQI Innovation Subcommittee would act a portal for the transportation industry to suggest Innovations as well as function as a vetting group for ideas to be presented for Federal State Transportation Innovation Council grant funding.



Continuous Quality Improvement
Maryland's Transportation Industry

Chairman's Letter

(Continued)

2018 MdQI Conference: The 2018 MdQI Conference is special because we will be celebrating our 25th MdQI Conference. The Conference Committee has been planning spectacular events for celebrating this major milestone. The 2018 MdQI 25th Anniversary Conference be held on Wednesday, January 31st and Thursday, February 1st, 2018 at the Baltimore Convention Center and detailed information for this conference can be found in the Conference and Registration sections of this newsletter. Registration for the upcoming conference will open in early December and can be accessed through the MdQI website www.mdqi.org. We look forward to your attendance.

If you have any suggestions or comments for the upcoming 2018 MdQI Conference, please contact the Conference Subcommittee Co-Chair, Ray Moravec at rmoravec@wallacemontgomery.com. Please keep an eye out for updates throughout the year in future newsletters and on our website: www.mdqi.org.

In conclusion, MdQI has grown and continues to fulfill our quality mission for over 25 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 2018 MdQI Conference!



Tim Smith, P.E.
MdQI Co-Chairman,
MDOT SHA Deputy Administrator/
Chief Engineer for Operations



Dan Cheng, P.E.
MdQI Co-Chairman,
Johnson, Mirmiran & Thompson, Inc.
Executive Vice President

Industry News & Upcoming Events

The American Council of Engineering

Companies/Maryland (ACEC/MD) celebrated its 60th anniversary of service to the engineering profession and the citizens of Maryland at a gala event held November 3rd. The spectacular Sagamore Pendry Baltimore, an engineering marvel in itself, was the site of this celebration that was attended by approximately 200 ACEC/MD member firm representatives and their guests. Also in attendance were numerous government officials.

During his remarks, ACEC/MD President Jerry Jannetti (WSP) recognized 16 past presidents in the audience, who helped elevate ACEC/MD to become the preeminent engineering business association in Maryland. He also commented on the importance of reaching such a significant milestone, and the growth of the organization that he has witnessed in his many years of involvement with ACEC/MD. As evidenced by a full dance floor and "peace train" that wound its way around the banquet room, everyone had a great time. Here's looking forward to the next milestone celebration!

Also in November, on November 8th, ACEC/MD hosted the second annual STEM Fair at the Garrett Jacobs Mansion. Led by ACEC/MD Career Outreach Committee Chair Mike Galvin (JMT), over 30 ACEC/MD representatives provided hands-on demonstrations to students from local schools. The displays and discussion were designed to give students an understanding of the various professional services that are integrated into a successful project. ACEC/MD representatives look forward to continuing career outreach efforts throughout the year at MdQI events and during Engineers Week activities in 2018.

Upcoming Industry Events:

ACEC/MD Legislative Action Day and CEPAC Luncheon
January 23, 2018, Governor Calvert House, Annapolis, MD

2018 Joint Paving Conference
March 14, 2018, Martins' West

2018 Maryland Concrete Conference
March 13, 2018, Delta Hotel By Marriott, Hunt Valley, MD

The 25th Annual MdQI Conference:

This year we are celebrating our 25th MdQI conference!

The Maryland Quality Initiative (MdQI) is dedicated to improving the quality of transportation services provided to Maryland citizens. The conference will be held on Wednesday, January 31st and Thursday, February 1st, 2018 at the Baltimore Convention Center. We look forward to seeing you at the conference. 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 your calendars are marked and plan to attend because this will truly be a conference to remember.

Since the initial Charter signing in 1992 by five (5) Agencies and organizations with a highway focus, MdQI has been a driving force in promoting partnerships among the transportation industry and forging relationships which allow us to engage in the candid discussions that lead to improvements in our transportation projects. The first MdQI conference was held on January 20-21, 1994 at the Hunt Valley Marriott. The theme of the first conference was "Maryland's Road to Quality" and this has been a consistent theme throughout the past 24 Conferences. MdQI has grown significantly and now has thirteen (13) sponsoring agencies that represent every facet of transportation in Maryland.

CONFERENCE SYNOPSIS:

Day 1, January 31, 2018: The morning will begin with registration and feature this year's Engineering Challenge Contest (Build a Bridge Contest) and the popular Ethics Training Session. At lunchtime we will officially open the MdQI Conference and provide an overview of the day's activities including the announcement of the Engineering Challenge winners. We are also pleased to be hosting a Panel Discussion with many of MdQI's Founding Members that include Hal Kassoff (SHA), Ed Terry (FHWA), Bob Latham (MD Highway Contractors), Brian Dolan (MD Asphalt Association), Bob Olsen (SHA-First Chairman of MdQI) who will provide insight into the beginning of the Quality Journey. The afternoon will be filled with 10 Technical Sessions and followed that evening with a Reception and 25th Anniversary Conference Celebration Dinner and Premiere of the Commemorative Video.

Day 2, February 1, 2018: All conference attendees for Day 2 are required to register again. The Opening Session will feature or guest speaker John Martin, who will provide insight into the future of transportation. The Opening Session will be followed by five (5) Technical Sessions. At lunch, the FHWA Awards will be presented. The afternoon will feature ten (10) Technical Sessions. Evening activities will feature a reception, the Annual MdQI Awards of Excellence program and Dinner.

Commemorative Book and Video: To document this major milestone in MdQI history, we are preparing a Commemorative Book and Video that will document the history of MdQI and the major initiatives and award-winning projects that have defined Maryland transportation. A copy of the Commemorative Book will be provided to every conference attendee.

Vendor Booth Contest: The vendor theme this year will be "The Roaring Twenties!! The Roaring Twenties followed the end of World War I, the end of Prohibition and introduced many new styles of dancing and attire that began a new modern era in the US. Each Vendor is encouraged to decorate their booth to represent the theme. The winner of the Vendor Booth Contest will be announced at the Day 2 Lunch.

Ethics Training Session: Ethics - The Heart of the Engineering Profession

Presented by Jim Johnson, Jr. P.E. This presentation explores the importance of ethics in the engineering profession by discussing: what does ethics in engineering mean, the impact of ethics throughout your engineering career and the code of ethics overlay.

Guest Speaker: John Martin - America's Transportation Futurist

John Martin is President and CEO of the Southern Institute of Research, Inc. (SIR Research), a 52 year old marketing research firm headquartered in Richmond, Virginia. As a marketing and marketing research professional with over 25 years of experience, John has become a regionally and nationally recognized expert in transportation, TDM and transit planning.

MdQI Conference Schedule

“Continuous Quality Improvement - Maryland's Transportation Industry”

The 2018 MdQI conference is scheduled for January 31-February 1, 2018 with the 25th Conference Anniversary Celebration Dinner, Wednesday and the Annual MdQI Awards of Excellence presentation and banquet, Thursday. This year's conference offers breakout topics of interest to the Maryland Transportation Industry identified by the MdQI Steering Committee. Each breakout topic is presented by a panel comprised of public/private professionals considered experts in the topic area. The presentations on breakout topics are followed by team discussions and brainstorming. Conference attendees participate in the breakout topics of their choice.

Wednesday, January 31, 2018

8:00 am	Exhibits Open	Registration Starts				
8:30-11:30 am		Engineering Challenge - 4 th Floor				
10:00-11:00 am		Ethics Training - Room 337 / 338				
11:30 am-1:30 pm		Welcome, Overview of Technical Sessions, Engineering Challenges Winners & MdQI Founding Members Panel & Lunch				
2:00-3:00 pm		337 / 338	339 / 340	341 / 342	343	344
		eConstruction- Leveraging Technology, Increasing Productivity, Focus Forward	Connected and Automated Vehicles (CAV) Part 1 (State and National Advancements)	Every Day Counts Road Weather Management - Weather-Savvy Roads	Contractor Design Input for Baltimore City's Preston Gardens Historic Wall Restoration	Real-World Questions, Real-World Answers with Real-Big Data in Maryland
3:30-4:30 pm		Innovative Project Delivery I-270 Innovative Congestion Management Contract	Connected and Automated Vehicles (CAV) Part 2 (Planning Impacts & Benefits for Local Govt.)	Latex Modified Concrete I-95 Deck Rehabilitation and Joint Modification	Fluctuating Traffic Fatality Trends and What They Mean for the Future	Asset Management and Performance Measures for Roads and Bridges
4:30-6:00 pm		Reception				
6:00-8:30 pm		25 th MdQI Conference Celebration & Dinner				

Thursday, February 1, 2018

8:00 am	Exhibits Open	Registration and Continental Breakfast (provided)				
9:00-10:30 am		Opening Session – Lt. Governor Boyd Rutherford and Guest Speaker – John Martin: Transportation Futurist				
11:00-12:00 pm		337 / 338	339 / 340	341 / 342	343	344
		MASH - Manual for Assessing Safety and Hardware	MDOT Procurement Update for A/E Contracts	Maryland Asphalt Association - Thin Lay	Baltimore Link: The Launch of a New Bus System	Communication Skills for Success
12:15-1:45 pm		FHWA Awards, MdQI Update and Vendor Booth Winner				
2:15-3:15 pm		MD 404: Cradle to Substantial Completion	Are “Smart City” Technologies only for Cities?	Baltimore Rail Tunnel Project: B&P Tunnel	What's new at MDOT MAA	Communication Challenges during Project Development
3:30-4:30 pm		Unmanned Aircraft Systems (UAS) in the Transportation Industry	Drugged Drivers - A Panel Discussion	2017 MdQI Award Winners: Jericho Road Covered Bridge and I-95 Bridge Deck Rehabilitation	What's new at MDOT MDTA	Enhancing the Customer Experience
4:30-5:30 pm		Reception				
5:30-7:30 pm		MdQI Banquet & Awards of Excellence & Dinner				

Vendor Exhibits on Display During the Conference Breaks

MdQI Conference Registration Form

Location: Baltimore Convention Center

Advertising/Sponsorship Deadline	December 21, 2017	
Early Bird Registration	Before January 8, 2018	After January 8, 2018
Wednesday, January 31, 2018	\$135.00	\$160.00
Thursday, February 1, 2018	\$135.00	\$160.00
Wednesday, January 31, 2018 Anniversary Reception/Dinner	\$110.00	\$135.00
Thursday, February 1, 2018 Awards of Excellence Dinner	\$110.00	\$135.00
Exhibitor Pass (Two Day Pass)	\$50.00	

Baltimore Hilton Hotel Room Block Rate	\$159.00
Cut-Off Rate Room Reservations	January 4, 2018
Conference Registration Deadline	January 19, 2018
Advertising/Sponsorship Deadline	December 21, 2017

****There is no charge for the Ethics Training, however you must be registered for the conference****

Please join us in
Celebrating 25 Years

25th Anniversary Celebration

Wednesday,
January 31, 2018

- 4:30 p.m. Reception in ballroom foyer
- 6:00 p.m. 25th Anniversary Celebration Ceremony
- 7:00 p.m. Celebration Dinner & Anniversary Video Premiere
- 8:00 p.m. Music by Great Scott Productions, Photo Booth, Dessert/Coffee Bar, and Cash Bar

Awards of Excellence Dinner

MdQI's tradition of recognizing excellence in projects throughout the year

Thursday,
February 1, 2018

- 4:30 p.m. Reception in ballroom foyer
- 5:30 p.m. Awards presentations
- 6:30 p.m. Networking Dinner & Anniversary Video

Registration for each event will be available online along with the conference package. To attend these events, please be sure to check the appropriate box on the registration form, and include the amount in your total. These events are separate from regular conference registration. Thank you for your support of MdQI – we look forward to celebrating with you!



MdQI
Maryland Quality Initiative

Continuous Quality Improvement
Maryland's Transportation Industry

Anne Arundel County Public Schools Career Day

On October 25, 2017, MdQI hosted students from six high schools across Anne Arundel County for a Civil Engineering Career Day.

The event, held at Michael's 8th Avenue, introduced the approximately 400 students to the many different career paths in the transportation industry. During the event, students were able to interact with professionals, and were able to see and have hands-on experiences in the various design and construction areas of the industry. Photos from the event can be found on Facebook using the following link:

<https://www.facebook.com/Anne-Arundel-High-School-Career-Day-771143753072223/>

The annual Career Day event would not be possible without the support of many partners in MdQI and the Anne Arundel County Schools. Our thanks go to the following companies who provided the speakers for the event: Maryland Department of Transportation State Highway Administration, AECOM, Whitman Requardt & Associates, Parsons Brinckerhoff, Century Engineering, Stantec, Whitney Bailey Cox & Magnani, Prime AE Group, Maryland Concrete, Development Facilitators Incorporated, Structural Tech, Johnson, Mirmiran & Thompson, Raudenbush Engineering, Hope Furrer Associates, McLaren Engineers, and Rummel Klepper & Kahl.

Our next event will be at the Engineer's Club on February 21, 2018, to help celebrate Engineer's Week. If you are interested in helping the MdQI Industry Training and Recruitment Team, please contact Marissa Lampart who co-chairs the team. We are always looking for outgoing speakers for our events. Marissa can be reached at 410-545-8694, toll free at 1-888-228-5003 or by email at mlampart@sha.state.md.us.

If you are interested in helping the MdQI Industry Training and Recruitment Team, please contact:

MARISSA LAMPART

P. 410-545-8694

Toll Free: 1-888-228-5003

mlampart@sha.state.md.us



Maryland Asphalt Association: MdQI Partners



The 2018 MDQI is of special importance to the Maryland Asphalt Association as it marks twenty-five years of fostering quality pavements in Maryland.

In conjunction with the Maryland Asphalt Paving Conference our industry has sought continual improvement in Maryland's highway system by actively participating in the Maryland Quality Initiative since its inception.

Twenty-five years ago, Brian Dolan now a Senior Advisor at the Maryland Asphalt Association worked at SHA's District 4 and was one of the founding members of the MdQI Conference Committee. Since that time Marshall Klinefelter has assumed the role of President of the Maryland Asphalt Association and is also an active member of the MdQI Conference Committee.

Marshall's efforts brought Governor Hogan to the 55th annual joint paving conference with asphalt producers, pavers, suppliers, SHA designers, inspectors and consultant engineers. The event was held at Martin's West last March with over four hundred people in attendance to hear the Governor applaud the asphalt industry and its efforts to provide training to industry and SHA workers. This happens continually through the joint Paving Conference, the MdQI Conference and partnering. Each year the paving conference places emphasis on work zone safety, new construction practices, new design initiatives and working better through strong partnering relationships. The 2018 joint Paving Conference will be held on March 14th at Martin's West.

Even prior to the MdQI Conference industry leaders such as Joseph Laird, Arnold Gardner, Bob Sewell, Brian Dolan, Mike Moses and Robert E. Prouse pursued quality pavements in Maryland. Continuous work with SHA Administrators M. Slade Caltrider, Hal Kassoff and the many who have followed has been a tradition of our Association. Chief Engineers like William Lee who brought Open Graded Friction courses to Maryland along with Charles "Bob" Olsen who brought us Stone Matrix Asphalt, Doug Rose who brought Superpave and a host of other engineers and innovators who have brought continual improvement to Maryland pavements have been an integral part of Maryland's Quality Initiative.

We continue to work with Administrator Greg Slater, Chief Engineer Tim Smith and Materials Engineer Segal Barot in pursuit of the highest quality pavements for Maryland motorists. Asphalt remains the best choice in Maryland pavements providing the most durable, safest, quietest and most economical pavements for Maryland motorists and taxpayers. Governor Hogan's Award of Excellence pays homage to our industry's commitment to quality over the years and the Maryland Quality Initiative is at the heart of this continual improvement process.

A new generation of thin-lift asphalt overlays called Thinlays™ are a popular approach to pavement preservation because of their ability to provide improved ride quality, reduce pavement distresses, maintain surface geometrics, reduce noise levels, reduce life-cycle costs, and provide long-lasting service. The link below shows a demo project on 10th Street in downtown Nashville using a warm mix asphalt thin overlay and recycled materials. This urban pavement with many utility cuts, was given 10 years more of life with this green (economically and environmentally) thin asphalt overlay preservation treatment.

[Click here for a video on the project.](#)

Find out why Thin Is In when it comes to pavement preservation during the 2018 MdQI Technical Sessions. A one-hour review of the research, development and proper use will be given by the National Asphalt Pavement Association. Thin asphalt overlays are a time-proven method for extending the life of pavement structures that are still in serviceable shape. Thinlays™ help State Agencies with their asset management by providing them the ability to improved ride quality, reduce pavement distresses, maintain surface geometrics, reduce noise levels, reduce life-cycle costs, enhance safety and provide long-lasting service with a very little disruption to the traveling public. When used for pavement preservation, Thinlays can help agencies better manage both pavement condition and scarce funds. Thinlays can also help increase the structural capability of a roadway when used with well-built pavements.



SAFE. SMOOTH. DURABLE.

Concrete Conference 2018

Set the date of March 13, 2018 for a day of technology transfer at the MD Concrete Conference!

What do we really know about pavements and structures?

What do we really know about concrete? Have you driven through Texas lately? How about Iowa? Or Ohio? Or West Virginia? Or Delaware? It seems like there are states around the US that have a lot more concrete assets than we have in Maryland...does that mean they know something that we don't? Do they have more experience and knowledge because they have more projects to glean from? Who really has a good knowledge of concrete pavements? A great place and time to get answers to these questions is at the 2018 Maryland Concrete Conference where the FHWA Mobile Concrete Trailer (MCT) staff plus many other industry experts will be exhibiting and speaking on subjects related to use of concrete on transportation projects.

The Federal Highway Administration's MCT introduces Federal, State, and local transportation personnel to the state-of-the-art concrete technology in materials selection, mixture design, field and laboratory testing, and pavement evaluation. In an effort to bridge the gap between research and the field, MCT accomplishes this technology transfer in several ways. They conduct on-site testing demonstrating new innovative equipment and construction practices. They provide hands-on training for Agency personnel. They even loan equipment to trained Agency and Industry personnel and they will be on site during the MD Concrete Conference!

The MCT and its technology implementation staff travels across the US teaching and sharing new technologies about concrete materials and testing. In fact, the MCT was just parked outside the MDOT SHA District 3 office on August 9th where many Maryland engineers, project managers and materials folks from MDOT and the concrete industry, visited and learned about the state of practice for concrete pavements and materials testing. Representatives from FHWA's traveling team were available all day engaging with a variety of

interested individuals. The MCT does conventional testing as well as Nondestructive and In Situ tests like dowel bar placement and thickness testing. The MCT also demonstrates Durability testing with equipment like the Super Air Meter and Surface Resistivity testing.

The MCT will be one of the exhibits during the 2018 Maryland Concrete Conference scheduled for March 13, 2018 at the Delta Hotel by Marriott in Hunt Valley. During the conference, the MCT and the FHWA team will be on site all day sharing the latest innovations and technologies in concrete construction practices and testing. Also, one of the team members will inform the attendees of their findings across the states during the general session at the conference.

Along with the FHWA MCT, several additional topics about concrete technology for transportation projects will be presented. Local case studies of concrete pavement projects as well as the latest construction practices and materials for concrete structures will be included in the conference program.

Engineers attending the conference can receive up to 5 professional development hours.

The Conference is planned and hosted by the Maryland Ready Mix Concrete Association, the American Concrete Pavement Association, the MDOT State Highway Administration, and the Federal Highway Administration. The conference planning committee includes representatives from these organizations as well as the MDOT Aviation Administration, the MDOT Port Administration and Harford County.



For registration information, please visit www.MarylandConcrete.com or email office@MarylandConcrete.com.

Engineering Challenge: Build a Bridge Contest - 2018

Mission: Build a lightweight bridge that can carry a load of 100 lbs. to fit one of the three span lengths (10", 15", 20").

The Challenge: Contestants (teams made up of no more than 6 persons) will be given a bag of wooden sticks (similar to popsicle sticks) and a hot glue gun (with glue sticks) to build a bridge to fit one of three span lengths. This material will be distributed at the contest so there will be no pre-contest fabrication. Contestants may bring hand powered tools only to the contest to cut and shape their creations. All must be approved by the judges prior to the beginning of the contest.

Each bridge will be supported on a load frame supplied by the judges. The load frame shall be the sole means of support for the bridge. Any bridge found to gain support from an area other than the load frame shall be classified as loaded to failure.

At the contest, each contestant will place a load transfer device (LTD - supplied at the contest) along the clearly defined roadway path at the midpoint of the span. Refer to Q and A for additional information on load application. The load transfer hook at the bottom of the device must be accessible to allow attachment of the load. Each contestant should have someone with them who will assist with applying load to the bridge. Weights will be supplied by the judges. Only the contestant and their assistant(s) may load the bridge.

A contest winner will be established for each span length. Contestants are free to build bridges for any or all of the span lengths. The winner will be the lightest bridge that successfully carries the 100 pound load. Once established, the bridge weight to beat for each span length will be posted throughout the competition. Broken pieces from failed attempts may be reused for subsequent attempts at the choice of the contestants. Successful bridges may be modified to reduce weight or be reconfigured for another span length. No sharing of pieces between teams is allowed however the sharing of hand tools is permitted. A single contestant / team may win multiple span lengths in the contest.

When: The Engineering Challenge will be conducted on January 31, 2018 from 8:30 AM to 11:30 AM.

Contestants will be allowed to begin construction at 8:30 AM. At 9:30 AM judges will begin to weigh bridges that are ready for testing and will continue to do so until 11:15 AM. No bridge will be loaded unless it is lighter than the posted leader for that span length. Any bridge submitted for testing prior to 11:15 AM will be tested. There is no maximum set for the number of entries a contestant/team can make.

Young Professionals – MdQI Offers Complimentary One-Day Conference Registration for Contestants

The purpose of the Engineering Challenge at MDQI has always been to attract young people to the conference. We fully understand that registrations for the conference represent a big financial outlay for firms and agencies. In the past, we've tried to hold the contest after hours to minimize the need for registration. This year the contest will occur as one of the opening acts for MDQI and here are the details as they relate to registrations for the Engineering Challenge.

In 2018, the MdQI Steering Committee has decided to provide 30 "One-Day Registrations" for January 31, 2018 to encourage young professionals to participate in the Engineering Challenge and the MdQI Conference activities which includes lunch, the technical sessions and networking opportunities (also the chance to accept the trophy for teams winning the challenge). *Please note that the Celebration Dinner on Day One is not included in the Day One Ticket.*

Each Team that registers for the 2018 Engineering Challenge will receive 2 complimentary one-day registrations that will allow them to participate in the contest and attend the afternoons technical sessions. Each team must designate their 2 contestants that will receive the complimentary registrations when they sign up for the Engineering Challenge. Please note that firms or agencies may enter more than one team, but only 2 complimentary registrations will be provided to the firm or agency. Names of all participants should be provided. Complimentary registrations will be provided for the teams based upon who signs up first.

Contestants' Registration for the Engineering Challenge

There is no entry fee for this year's contest. You must register with GVaughan@sha.state.md.us prior to 12/31/2017. Contestants that are not registered for the conference, or have not received the complimentary registrations, will be allowed to enter for the contest and stay until noon.

Again, the goal here is to expose young professionals to the MDQI experience in hopes of generating momentum for the future.

Check the MDQI website for answers to "frequently asked questions" as they come in.



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



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."



Continuous Quality Improvement
Maryland's Transportation Industry

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