

2018-2019 BOARD MEMBERS

President

David Metcalf
Prime AE Group, Inc.

1st Vice President

Charlie O'Connell
FAM Construction

2nd Vice President

Derrick Shelton
Haley and Aldrich

Past President & Regional Rep

Cerasela Cristei
T3 Design

Secretary

Khatereh Vaghefi
WSP

Treasurer

Nikhil Deshpande
Rinker Design Associates

Director 2016-19

Muthu Arigovindan
GeoPotential Consulting

Director 2016-19

Drew Wolfred
Kimley-Horn

Director 2017-20

Ryan McCreedy
T3 Design

Director 2017-20

Adam Welschenbach
Rinker Design Associates

Director 2018-21

Dara Soum
Arlington County

Director 2018-21

Paul Hoffman
Retired from DDOT

Young Member Coordinator

Shireen Gharangik
Johnson, Mirmiran & Thompson

The ASHE Potomac Section Newsletter

President's Message

Dear ASHE Potomac,

First off, another heartfelt thanks to our outgoing President Cerasela Cristei and our retiring Treasurer, Dave Palfrey.

Cerasela will be in the official "Past President" capacity this coming year. She is not out the woods yet, there are real duties and requirements for the Past President. One of these duties is to ensure a smooth transition for the new Board, and she has been an expert at this.

Dave is handing over the reins after 9 years of service to your ASHE Potomac. There is no doubt that we are the organization we are today in large measure from Dave's efforts. Please give Dave your personal thanks should you see him.

ASHE Potomac has steadily grown over the past decade to become one of the largest associations for Transportation Professionals in the Washington DC region. We feature important speakers, a key link between consultants and transportation agencies and a place to socialize with your peers in the industry. What more should we do? What do you want from your ASHE?

Please let me know your thoughts on ASHE what you like and what you would like to see more of. And what you would like to see less of. Please email me at dmetcalf@primeeng.com.

Have a terrific summer! Join ASHE for Nationals baseball as the Nats take on the Braves on August 8. More details will be coming shortly. And mark September 12th down on your calendar for the first meeting of the fall.

Sincerely,

David Metcalf
President, ASHE Potomac Section 2018-2019



Dear ASHE Potomac members and friends,

Summer is here and we are winding down our activities. While there will be no dinner meetings until September, the Board will still be hard at work, meeting once a month, and organizing a technical field trip and an outing at a baseball game. And there may be other interesting activities in the making, stay tuned.

Our Section accomplishes its mission through the hard (even if invisible) work of its Board Members. It has been a busy year for all of us. We have made significant progress toward accomplishing the goals of the ASHE Potomac Section to strengthen our foundation, and continue to build our connections within our organization and the transportation community. We are constantly looking to expanding our membership in order to achieve our mission at a larger scale, thus the membership drive that we are launching this month.

We built this Section together and as a result the stakes for obtaining a position on the board are higher every year, and this year has not been an exception. We are proud that there is such high interest in becoming a board member, and we are welcoming all volunteers who are willing to learn what it takes to fill a position on the Board of ASHE Potomac. Contact us at any time and let us know how you would like to help, and what you would like to learn.

It has been an honor to work with all of you to fulfill the mission of the American Society of Highway Engineers. We reached out to inspire students to form an ASHE student chapter, we worked on enhancing our culture of inclusion, and we constantly looked for ideas to promote the organization and to bring the maximum benefit to our members. We worked like a well-oiled machine. My heartfelt thank yous go to the entire Board, it has been a pleasure working with you!

I also want to thank the ASHE Potomac members for the privilege of serving them.

I am now looking forward to continuing our work together while I serve on the Mid Atlantic Regional Board and as past president for the incoming board.

Best regards,

Cerasela Cristei
Past President, ASHE Potomac Section



Note to all ASHE Potomac Members:

In the recent couple of years we have seen an increase in our membership wanting to serve on the ASHE Potomac BOD and this is great, really great. But, there are around 5 positions up for election each year, so I encourage each of you that is interested in serving to introduce yourselves to the BOD and get involved as a volunteer. This will increase your chances of being selected and will familiarize you with the time commitment that comes with serving on the board.

Projects and Meetings Recap

Summary of past projects

Ice Skating January 24, 2018



ASHE Potomac Meeting February 7th, 2018

Facilitator: Bill Cuttler,
Northern Virginia District
Construction Engineer,
Virginia Department of
Transportation

The February dinner meeting was hosted by Virginia Department of Transportation (VDOT) Northern Virginia District. We were honored to have the District Construction Engineer, Bill Cuttler, facilitate the presentation where there was a panel of speaker who presented on upcoming projects, new requirements, advice for designers, and NOVA innovations. The following list of speakers and topics were presented at this meeting:

- Denise Cantwell, PE, - NOVA Project Controls
- Chan Basnayake, PE, - ACE Perspective
- Michael Gleasman, PE, - ACE Perspective
- Christiana Briganti-Dunn, PE, - NOVA Design-Build

NOVA Project Controls

Denise Cantwell began the presentation by describing the purpose of VDOT's project controls division. This division which sits under the District Construction Engineer plays a supportive role to the Construction and Maintenance divisions as well as Locally Administered Projects (LAP). The NOVA's Project Control group manages construction safety,

ASHE Potomac Meeting February 7th, 2018

Facilitator: Bill Cuttler,
Northern Virginia District
Construction Engineer,
Virginia Department of
Transportation



scheduling, constructability, claims, utility construction program, contracts, and business support.

Project Controls takes an active role on safety. They provide construction safety reviews of the contractors means and methods, maintenance of traffic plans, as well as provide safety training for the department and publish a "Safety First" newsletter. Project Controls manages all construction contracts, administers Construction Engineering & Inspection (CEI) contracts, and oversees document retention for construction.

The utility construction program works with the project team during preconstruction to ensure that all existing and proposed utility are relocated or protected to avoid conflict during construction. During construction, this group will manage all utility relocation projects for the District construction as well as facilitate coordination between construction projects and utility companies and provide 24-hour, 7-day support to projects.

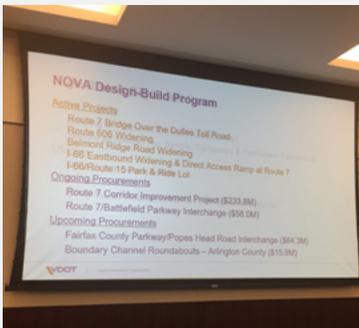
ACE Perspective

Some common issues when transitioning from the Design Phase to Construction Phase

- Sequence of Construction – Do not coordinate between roadway construction plans and other in-plan utilities leading to constructability issues and plan revisions
- Limits of Disturbance – The LODs shown on the plans do not account for E&S Control measures or other in-plan utilities going beyond the project limits
- Temporary Construction Easement – No adequate for construction activities especially in urban areas.
- Measurement of Payment – It is always desirable to add a pay item, when compensation is not clearly explained in the specifications. Ambiguities will result in Change Orders during construction.
- Prepared required documentation for VDOT to obtain VPDES Permit (> 1 acre disturbed area) – This is very important for certain bridge projects and landscaping projects, where land disturbing activities will occur.
- Don't avoid necessary details in the plans – Do not have the mindset "Let Construction Folks Figure Out". Clock starts ticking when the NTP is issued.

Lesson Learned Examples:

1. Don't always trust the survey. For example pipe was said to be 42" Concrete Pipe per survey however come to find out that it was a corrugated metal pipe in poor condition. Construction project then had to constructed a new parallel pipe and abandon the existing culvert.
2. Be clear and concise on revision sheet especially when there are several iterations of revisions.
3. "Don't Have Blinders On" – Always take a look at the site when working through the design. Example in Middleburg, VA planned to install intersection improvements and bulb-outs. Come to find out one of the curbs terminate behind a tree. Plans were revised at PAC to bring new curb line in front of tree and utility cabinet.



Design-Build Done Right

Recent NOVA Project Awards:

- I-66 Widening:
 - 2017 DBIA Mid-Atlantic Project Award
 - 2017 HCCA Excellence in Infrastructure > \$15M
- Route 27/244 Interchange Modifications:
 - 2016 DBIA Mid-Atlantic Project Award
 - 2015 DBIA National Award of Merit
 - 2015 HCCA Excellence in Infrastructure > \$15M
 - 2014 DBIA Mid-Atlantic Excellence in Engineering

Recently Completed Design-Build Projects:

- Walney Road Widening
- Braddock Road/Pleasant Valley Roundabout
- I-495 Shoulder Use Lane
- I-66/Route 15 Interchange Reconstruction

Active Design-Build Projects:

- Route 7 Bridge Over the Dulles Toll Road
- Route 606 Widening
- Belmont Ridge Road Widening
- I-66 Eastbound Widening & Direct Access Ramp at Route 7
- I-66/Route 15 Park & Ride Lot

Ongoing Procurements

- Route 7 Corridor Improvement Project (\$233.8M)
- Route 7/Battlefield Parkway Interchange (\$58.0M)

Upcoming Procurements

- Fairfax County Parkway/Popes Head Road Interchange (\$64.3M)
- Boundary Channel Roundabouts – Arlington County (\$15.9M)

Every Design-Build project should account for the following high risk & big ticket items:

- Right of Way
 - Existing or Proposed Limited Access Lines?
 - Identify all needed Fee Simple, Temporary & Permanent Easements
- Utilities
 - Prior Rights determination
 - Survey/Test Pits
 - Utility Owner Requirements for Protections/Relocations
 - E&S Control plans shall address utility relocations too
- Environmental Considerations
 - Avoid high value assets (such as forested wetlands, streams, park properties)
 - Early project coordination with regulators in development of Least Environmentally Damaging Practical Alternatives (LEDPA)
 - Consider reestablishing landscaping buffer in areas that do not warrant noise barriers.
- Noise Barriers
 - Preliminary Noise Analysis = lines on a plan sheet, must meet design standards
 - Access via gaps/overlaps or doors
 - Consider existing/relocated overhead & underground utilities
- Constructability
 - Crane and Equipment Placement
 - Workers' access to the work zone
 - Laydown Yards/Field Office Locations
- Maintainability/Operability
 - Access to utilities, residential side of noise barriers, SWM facilities
 - Snow removal



ASHE Potomac Meeting March 14th, 2018

Speaker: Tom Brandon -
Director of Capital Projects,
Town of Leesburg

- Third Party Coordination
 - o Regulators, FHWA, Localities, etc. (= Governmental Approvals)
 - o Early Coordination w/MWAA and WMATA is necessary
 - o Land Development Projects

During our March dinner meeting, we were honored to have Tom Brandon, Director of Capital Projects, from the Town of Leesburg and ASHE Potomac past president (2004-2005) as our guest speaker. He began his presentation by introducing the historic Town of Leesburg, and then explained the development of the town due to its strategic location and proximity to DC. Town of Leesburg has grown five times more than the national average during the past 60 years. Future transportation projects in the Town of Leesburg will focus on capacity improvement, bicycle and pedestrian access network, and increasing safety, especially downtown. 75% of FY19 budget is allocated to transportation projects and the transportation budget has grown 250% during the past 9 years.

Transportation projects in the Town of Leesburg are funded by VDOT, NVTA and Loudon County. Large percentage of budget is committed to interchange projects, pedestrian safety, traffic calming, bus routes, drainage, and accessibility.

Recently completed and ongoing transportation projects in the Town of Leesburg include:

- Route 15 (South King Street) widening
- Route 7/Battlefield Parkway interchange
- Route 15/Edward Ferry Road/ Fort Evans Road Interchange
- Battlefield Parkway
- Sycolin Road widening
- Evergreen Mill Road widening

Future Transportation Projects in Town of Leesburg include:

- Route 7/ Battlefield pkwy interchange, which is in design-build selection process.
- Route 15/Edwards Ferry Road interchange, which is in the process for fundraising.
- 20 year transportation/town plan updates
- Sycolin road widening phase IV (Construction will begin this summer)
- Evergreen Mill Road widening (Under design and construction is anticipated in FY 2019)

And future On-call contracts are:

- On call Geotechnical services
- On call Traffic Signal maintenance
- On call Civil Engineering firms in 2020

All planning and design work in the Town of Leesburg are performed by consultants. Tom Brandon concluded his presentation by recognizing all engineering firms in the area who contributed to the Town's projects.



Bowling April 2018



ASHE Potomac Meeting April 18th, 2018

David C. Birtwistle
CEO, Northern Virginia
Transportation Alliance

For the April 2018 dinner meeting, ASHE Potomac welcomed mister David Birtwistle, CEO of the Northern Virginia Transportation Alliance (NVTA), to speak about challenges and opportunities in the region. Birtwistle began his presentation by outlining the agenda and vision for NVTA.

NVTA is the only private sector organization focused full-time on transportation advocacy and lobbying. Their mission is to have a regional, multi-modal focus for the greater prosperity for all. Mr. Birtwistle discussed that he sees economic development as a “three-legged bar stool” with the legs being education, affordable housing, and a great transportation network. NVTA aims to be a non-partisan, coalition-building advocate for a better transportation network, and has done so for over 30 years.

As for the current state of the region, Mr. Birtwistle exclaimed that House Bill 2313, a bill that restructured transportation related tax levying, has made a tremendous impact and progressed critical transportation projects. However, state legislature often provides funding to specific projects at a cost to other projects. As was the case for the April 18th session where \$100 million dollars worth of funding was allocated to a metro bill, but the

levying mechanism proposed to offset the costs was redacted, effectively removing \$100 million from other regional transportation improvements. NVTA is also aware that economic development in our region is reaching a critical shift from reliance on federal government contracts to more private sector job creators. The issue arises that large private corporations consider commuting and regional transportation when determining where to relocate. Other metropolitan regions across the country can hold our poor transportation performance over our heads when competing to draw in new economic power-houses such as Amazon.

Mr. Birtwistle highlighted that mobility drives our regional economy; however, each transportation plan focuses on a local need and not regional benefit. Even regional plans are largely a culmination of local jurisdiction's requests. This can be counterproductive to net growth in the DC area as it leads the nation for the percentage of population taking daily trips across jurisdictions for work and play. Arlington, the jurisdiction that many look to as exemplary, has the largest percentage of people leaving the jurisdiction for work. The Northern Virginia region also has the most dual-income households. The chances that both income providers live and work within the same district is highly improbable. Largely, the current regional plans neglect these facts. The original transportation plan for the region had multiple outer-loops and connected roadways. Of the original, less than 50% of them were actually built, while almost all of the railways were built. Public upheaval and efforts to forcibly slow down growth in the '70's hindered these projects and ultimately led towards today's conditions.

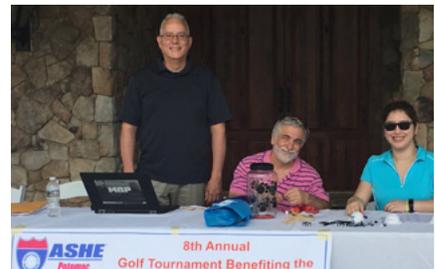
NVTA conducted an anonymous survey of regional transportation experts in 2011 and asked which projects they feel would have the most positive impact to the regions transportation network. The largest mentioned improvement was new or improved crossings over the Potomac River. NVTA then polled citizens and found that over 50% support a new or improved crossing and surprisingly 68% of Montgomery County, MD residence support it. This is a stark difference from the political message being conveyed. Montgomery County's board of supervisors rejected a recent motion to even study a new crossing.

Mr. Birtwistle concluded with the statement that NVTA wishes to represent the actual change needed, not the political folly and inaccurate portrayal of many improvements. The problems in our region require serious solutions. "Be a part of the solution or be a part of the problem."



ASHE Golf Tournament May 2018

8th Annual Tournament
Bull Run Country Club
Haymarket, VA





**Spring National
Conference
May 16th, 2018**

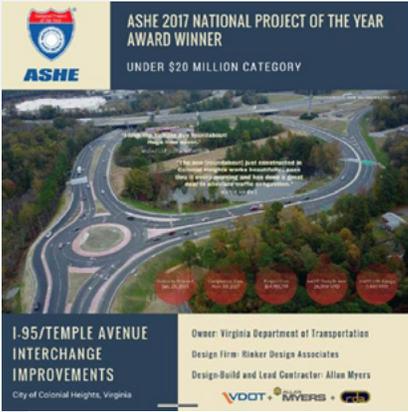
The 2018 ASHE National Conference held in Cleveland, Ohio from May 16th – May 20th was one of the best to date. The conference's planning committee went above and beyond to ensure all the members and guests thoroughly enjoyed their stay in Cleveland. They planned a wide variety of activities, technical tours, guest tours, and classroom sessions that allowed the attendees to fully engage and take part in what the conference had to offer. As a participant, I can confidently say everyone had a great time.

With such a wide variety of interesting tours and technical sessions offered, the question begged to be asked. What should I sign up for? Or to ask the question differently, do I really want to miss this? My thoughts started getting the better of me and the simple task of signing up started becoming a daunting endeavor. So I stopped thinking and signed up before I developed a headache.

Of the three tours I signed up for, my favorite was the Cuyahoga River Boat Tour, also known as the Movable Bridges Tour. As roadway designer, other aspects of transportation engineering fascinate me, especially the ones I know less about. This particular tour was given on a boat cruising along the Cuyahoga River. During the tour, we got to witness various bridges either lift up or swing out of the way for our boat to pass. An interesting fact about the motors needed to move these 3 million pound bridges is that they are in the range of just 100 to 200 horsepower, primarily due to the counter weight. Just think, the car you drive has more horsepower than the motors used to lift these big bridges.

Friday night's extravaganza was hosted at the Rock and Roll Hall of fame. As a musician it was amazing to see and read about some of the artists you grew up listening to and admiring. With 3 levels of exhibits, a couple hours was simply not enough to take it all in, but that's a good thing because it leaves you wanting to come back and visit again. The event was supplemented with appetizers, dinner, and drinks to top it off. Another huge plus, was the whole museum was booked only for ASHE. We got to walk around and enjoy the exhibits without having to wait in any lines. Saturday night's evening gala was capped off with a Game show event similar to Family Feud. It was tremendous fun and received full





participation from not only the contestants, but also the audience. The game show host divided the audience in two sections so there was a friendly rivalry created amongst the attendees.

The Hospitality Suite is always a highlight at every conference. Members and guests go to unwind, relax, and partake with a variety of beverages supplied free of charge. Yes, essentially an open bar. This year's hospitality suite offered great views of the city and as always provided an excellent opportunity to network.

Meeting old friends and creating new ones allows each participant to build and foster relationships that reflect the core of the ASHE Mission. The next national conference will be in Nashville, Tennessee on May 8-12, 2019. Mark your calendars as you won't want to miss it!

It's also worth mentioning that two Virginia projects took the Project of the Year awards at the Past-Presidents Luncheon. Allan Myers, RDA, and VDOT were recognized for the I-95/Temple Avenue Interchange Design-Build Project in Colonial Heights (winner for projects under \$20 million) and EV Williams, WSP, and the City of Chesapeake were recognized for the Dominion Boulevard Design-Build Project in Chesapeake (winner for projects over \$20 million).

ASHE Potomac Meeting June 6th, 2018

*Article provided by Anis Shaikh
Past president of the ASHE Potomac Section*

Speaker: Jeff Marootian
**Director, District Department
of Transportation**

The ASHE Potomac Section was honored to have Jeff Marootian, Director of the District Department of Transportation (DDOT), present to speak at the June Dinner meeting.

Jeff addressed the DDOT challenges associated with implementing transportation projects, upcoming projects, and innovations. One of DDOT's initiatives is Vision Zero. The objective of this initiative in Washington DC is to eliminate fatalities and serious injuries to travelers of our transportation system by 2024, through more effective use of data, education, enforcement, and engineering.

Jeff acknowledged that DDOT had struggled to keep projects moving forward. Both internal processes with their procurement group as well as external processes slowed their project development. He explained an ongoing DDOT effort to improve the procurement process and keep projects moving forward, on time and on budget.

The DC Streetcar opened 2 years ago on H Street. The extension of this Streetcar system by 2.4 miles along Benning Road NE is currently under design and DDOT is striving to open this new line by 2024. This project will include the renovation of the Ethel Kennedy Bridge over the Anacostia River.

More upcoming projects can be found online on DDOT's Project Forecasts page here: <http://projects.ddotsites.com/>

Jeff stated that 30% of local roads are in poor condition. Over the next 6 years, DDOT plans to spend 150 million to re-pave these roads and eliminate all poor-quality roads in the District by 2024.

The District has deployed lots of technology recently. One initiative is a Public-Private Partnership (P3) project to convert all streetlights to LEDs. This will also allow DDOT to communicate with all traffic signals, receive real-time information, save energy, and reduce light pollution. Another



initiative is a pilot program, called ParkDC, which was started for on-street parking management in the Penn Quarter/Chinatown area. This demand-based pricing system will adjust the parking price based on the location and time of the day, thus improve the parking availability in the area.

Curbside management has become a more prominent issue in the District. DDOT is looking for ways to accommodate more pick up/drop off areas due to the increasing number of Uber/Lyft users and ride share programs. The same can be said for commercial deliveries as well. Many residents use Amazon, UPS, and other delivery services that may block traffic at times when trucks stop on small local streets to drop off packages.

Jeff also mentioned that DDOT recently purchased 15 more electric buses. This new fleet of electric buses made DDOT's the largest on the east coast and ensures that Washington, D.C. remains a sustainable and multimodal city.

This was an excellent overview of the District's transportation initiatives and we thank Jeff for his time.

**Nationals Game
August 8th, 2018**



ASHE
Potomac



ASHE ANNUAL BASEBALL OUTING

Washington Nationals vs. Atlanta Braves

Bring your friends, families, and colleagues and join us for a memorable young members (and young at heart members) event!

When: Wednesday August 8th at 7:05 pm

Where: Nationals Stadium

By Metro: Take the Green Line to the Navy Yard Station.

Price: \$35 per ticket. (Price includes a \$15 food voucher)

RSVP Deadline: Friday June 29th C.O.B.

Please note that all unclaimed tickets will be returned after the deadline. Tickets will be sent out via email before game day

No more reserved tickets are left.

If you have any questions, contact Shireen Gharangik sgharangik@jmt.com (703) 464-7736

ASHE Potomac's Gold Members in the News

**60+ YEARS
OF TRANSPORTATION
ENGINEERING FROM
DESIGN TO DELIVERY**

AMT
A. MORTON THOMAS AND ASSOCIATES, INC.
CHANTILLY, VA

14555 Avion Parkway
Suite 150, Chantilly, VA 20151
703-817-1373
www.amtengineering.com

Bowman CONSULTING

Headquartered in Chantilly, Virginia Bowman has offered transportation engineering and related services to the Central Virginia region for more than 20 years. With a staff of over 600 (Nationwide), Bowman provides a focused array of diversified services including: Transportation; Civil Engineering; Planning; Landscape Architecture; Surveying; 3D Scanning (LiDAR); Building Information Modeling (BIM); Environmental; Construction Management; Water/Wastewater Engineering; Structural Engineering; Right-of-Way Acquisition; Relocation Consulting; and Appraisals. From personnel to technology, we continue to offer the best resources in the industry.

Bowman is a Virginia based firm that delivers solutions to public and private markets throughout the country. As a results-oriented company, Bowman is focused on exceeding expectations and providing clients with peace of mind through exceptional service. Bowman's clients benefit from a balance of deep resources, often associated with large firms, and the flexibility and quick response associated with smaller boutique firms. Our goal is to provide clients with high-quality, innovative, cost-effective, and efficient solutions to site and design challenges.



Innovative Transportation and Infrastructure Solutions

Drawing on over 132 years of technical excellence, WSP USA offers a comprehensive, integrated approach to transportation planning, design, and management. We bring a culture of innovation and the latest technologies to meet community needs for mobility, connectivity, sustainability, and resiliency.

wsp.com/usa



MBP

Founded in 1989, MBP is a multi-disciplined construction consulting firm specializing in construction management, inspection, scheduling, and dispute resolution services.

MBP currently has some exciting local-area transportation projects in the works including program management support services for the WMATA Silver Line Phase 1 and 2 of the Dulles Corridor Metrorail Project (DCMP). MBP's role includes cost estimating, scheduling, risk, contract, and change management support for 11 new heavy rail stations, track work, roadway improvements, and support infrastructure.

MBP is also nearing completion of the Route 7 & Route 659 Interchange project, the largest roadway transportation project administered by Loudoun County and their first VDOT LAP. MBP is providing comprehensive construction engineering and inspection services for this \$48.4 million project.

For over two decades, MBP has provided construction inspection services on multiple VDOT district wide contracts, supporting some of the most high-profile projects among all nine VDOT districts. MBP is currently providing inspection services to oversee permit work throughout VDOT's NOVA District, which includes the counties of Arlington, Fairfax, and Prince William.

MBP also currently holds an On-call Construction Support Services contract with Loudoun County providing support on various construction projects that are required to construct, maintain, improve, or expand facilities and roadway infrastructure projects.

ASHE Potomac's Gold Members in the News



Endesco is excited to be working on the Transform 66 P3 project in Northern Virginia, which will modify nearly 23 miles of I-66 providing two express lanes alongside three regular lanes from I-495 to Route 29 in Gainesville in each direction, with dedicated express lane access points, and space in the median reserved for future transit. Endesco is providing hydraulic design services including hydrologic and hydraulic analysis, scour analysis for bridges and retaining walls, drainage design, stormwater management, and erosion and sediment control plans for this project. Endesco is also providing traffic engineering services including design for traffic signals, intersection ADA compliance and pavement marking for this project.

Endesco is continuing to assist on the Purple Line project in Montgomery and Prince George's Counties, Maryland, with MDE permitting, E&SC, stormwater design, streetlight design, temporary traffic signal design, maintenance of traffic design, drainage design, and roadway design for the project. Please visit us at www.endescoinc.com.



Adil Rizvi, PE
DC Engineering
Operations Manager

Volkert is pleased to announce that **Adil Rizvi, PE**, has joined the Mid-Atlantic Region as our DC Engineering Operations Manager. Volkert is a full-service transportation infrastructure firm, offering civil, traffic, and structural engineering; landscape architecture and urban design; bridge safety inspection; construction engineering and inspection; and transportation planning, right-of-way and environmental services.



Mr. Rizvi's 25-year career has encompassed all aspects of civil engineering in the public and private sectors. Formerly a DDOT Project Manager, Mr. Rizvi led projects such as the Rehabilitation of Pennsylvania Avenue Bridge, NW over Rock Creek Parkway; Preliminary and Final Design for Theodore Roosevelt Bridge (I-66); and Safety Improvements at 22nd and Eye Streets, NW.

Mr. Rizvi holds a Master of Science degree in Civil Engineering, from the University of Maryland, as well as a Bachelor of Science degree from The Catholic University of America. He is a licensed Professional Engineer in the District of Columbia, Maryland, and Virginia. He can be reached at adil.rizvi@volkert.com.



T3 Welcomes New VP of Business Development and Marketing.

T3 Design is pleased to announce that Tandrumn Reid has joined the firm as the Vice President of Business Development and Marketing. She is responsible for expanding T3's presence in the Mid-Atlantic region.

Ms. Reid comes to T3 Design with more than 20 years of experience in marketing; proposal management, to include production of proposals, presentations and marketing materials; business development; and strategic planning and development for the sale and promotion of engineering services for A/E firms from DBE to Fortune 500 companies. With an emphasis in Transportation, Ms. Reid has extensive knowledge of civil and traffic engineering and construction management and inspection services for state DOTs, Federal agencies and local municipalities. She holds a Bachelor's of Science degree in Marketing from George Mason University in Fairfax Virginia.

Tandrumn brings to T3 her professionalism and career success, as well as her commitment to the company's future and to our clients.



Tandrumn Reid
Vice President of Business
Development and Marketing



- TRANSPORTATION / UTILITY DESIGN & COORDINATION
- TRAFFIC ENGINEERING
- LAND DEVELOPMENT & PLANNING
- SURVEYING
- RIGHT OF WAY SERVICES
- ENVIRONMENTAL SERVICES
- TRAFFIC ENGINEERING
- CEI SERVICES
- STRUCTURES / BRIDGES
- LITIGATION SUPPORT



We design for a living.
We build relationships for life.

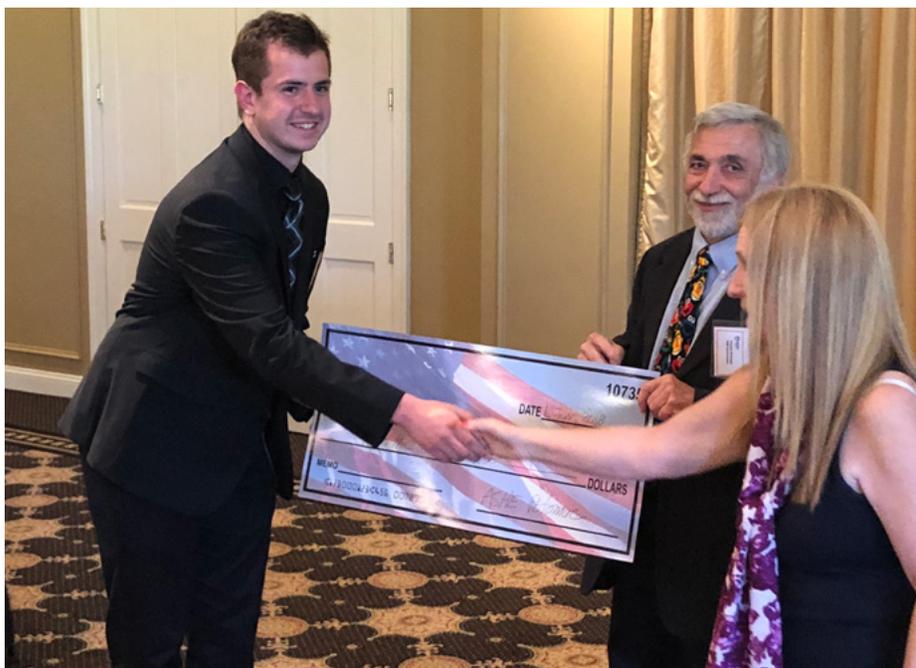
www.rdacivil.com | Manassas (HQ) • Fredericksburg • Richmond

ASHE Awards Three Scholarships

If you have been to any Potomac Section meeting, you have seen the regular raffle we hold for the Stephen M. Evans Scholarship. Our funding for scholarships comes from our Gold Sponsor Contributions, our golf tournament, and member contributions through the raffle.

This year we are awarding three (3) scholarships, two-thousand dollars (\$2,000) each to deserving students who are interested in Transportation.

We had five applicants all worthy of selection. The selection was based on the individuals resume and GPA. We are proud to announce that our 3 scholarship winners this year are Ahmed Al Balawi, Mathew Dean, & Austin Foster. Ahmed Al Balawi is a student at George Mason and Interning in the United Kingdom this summer. Mathew Dean is a student at the University of Virginia, has worked at the Transportation Research Council, and currently interning at the University of Florida. Austin Foster is a student at the University of Maryland and interning at MDSHA this summer.



Thank you to our 2017-2018 Gold Member Sponsors!

Kimley»»Horn

Bowman
CONSULTING

ATCS®



 **Dewberry**

RA
RICE
ASSOCIATES



HR

PRIME
AE®

ALA

AMT

WSP

T3
design

insight
plan around what's underground

HALEY
ALDRICH

 Stantec

MBP

 WALLACE
MONTGOMERY

ACCUMARK
Subsurface Utility Services

VOLKERT

HNTB

 **DMY**

Transurban

 vhb.

RK&K

 Hardesty
& Hanover
engineering that moves you

 Endesco, Inc. 
Engineers, designers, consultants

 Quality Counts
TRANSPORTATION DATA
COLLECTION SERVICES

 **JMT**
JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future®