# ACEC MARYLAND REVESION D

#### www.acecmd.org

### Volume XLXIV No. 3, January-February,2021

# **PRESIDENT'S MESSAGE** by Tony Frascarella, P.E.

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I trust everyone had a relaxing holiday season and are now focused on the challenges we face in the new year. The COVID-19 pandemic continues to affect our ability to operate as before and may continue to do so for another number of months. But now that the vaccines are being distributed and may soon be available to us all, I hope and pray we are slowly beginning the transition back to normal. We shall see what the next three to six months will bring us in our battle against this illness.

During January and February ACEC/MD continued to push our 2021 Legislative Business Agenda during the Maryland Legislative session. As you are aware, the focus of the 2021 agenda continues to be passage of the Duty to Defend legislation, funding relief for the Transportation Trust Fund, and continuing to highlight the benefits of Qualifications-Based Selection. In reference to the Duty to Defend legislation, we provided live virtual testimony in February to the House Judiciary Committee and the Senate Judicial Proceedings Committee. We continue to lobby committee members so that we ultimately receive a favorable vote on this legislation.

Hundreds of bills have been filed before and during this session. Your ACEC/MD Legislative Committee has been meeting weekly, reviewing dozens of bills and determining a course of action for each bill that potentially impacts our profession. These actions typically consist of supporting or opposing legislation through testimony or written correspondence, monitoring, or taking no action. I want to personally thank Sam Minnitte, the Legislative Committee Chair and the entire committee for their hard work and dedication to ACEC/MD in performing this critical function. That being said, there is still much work to do and when a request is made to contact your legislators in support or opposition to a particular bill; please take the time to write, call or email your senator or delegates to express your recommendations.

As part of our efforts to recover from the current transportation funding shortfalls that are severely affecting transportation engineering and planning services, we continue our

#### contact:

Jim Otradovec Executive Director AMERICAN COUNCIL OF ENGINEERING COMPANIES/ MARYLAND 8254 Bayside Drive Pasadena, MD 21122 Tel. 410-539-1592



### PRESIDENT'S MESSAGE (CONTINUED)

active involvement with the Together for Transportation Funding Coalition (TTF), working with the contractors, material suppliers and other industry organizations to emphasize the need for immediate and long-term sustainable funding. The Coalition members have agreed to pursue the following legislative goals:

o Restructure the gas tax to produce a consistent, sustainable flow of revenue sufficient to fund the engineering, construction and maintenance of the State's roads, bridges and highways.

o Establish regionally based funding authorities in the Baltimore Metropolitan area and the Prince George's, Montgomery, Frederick and Charles County areas to produce enough revenue to fund and support mass transportation projects and efforts.

o Continue supporting the use of alternative financing that includes new public-private- partnership (P3's) funding to help modernize and improve transportation infrastructure.

o Educate the Maryland General Assembly and Maryland's citizenry about the indispensable need for a strong system of roadways and transit.

Delivering on these legislative goals can solve both the long-term structural funding problem and the current COVID-19 related funding challenges. More than ever, our economy needs new sustainable jobs that can be worked in a healthy setting, given the backdrop of the pandemic. Most importantly, our infrastructure needs to be strong. Go to the TTF website at https://togetherfortransportationfunding.org/ to learn more about Coalition efforts and to take action by easily sending an email to your legislators in support. Thank you to those member firms that contributed to the TTF on behalf of ACEC/MD. Because of those contributions ACEC/MD solicited for and was able to obtain matching ACEC Minuteman funds to support Coalition efforts. ACEC provides Minuteman Fund assistance to local member organizations for local battles of national importance to defend our front-line business interests.

ACEC celebrated "National Engineers Week" during the week of February 22nd by promoting engineering nationwide. Kicking off the celebration here in Maryland, ACEC/ MD virtually held our Annual Engineering Excellence Awards Event. Congratulations to all of our award winners for the superb projects they designed and submitted. Next month's special awards newsletter highlights the award winners, scholarship recipients and outstanding engineering projects. Please take time to read about the projects and congratulate the winners. Also, go to and subscribe at ACEC/MD's YouTube page where you can watch the short videos detailing each of this year's honored projects.

Upcoming events include the ACEC National 2021 Virtual Annual Convention & Legislative Summit April 26-28. (look for information on our scheduled virtual congressional visits); the Annual Government Golf Outing on May 3rd at Greystone Golf Club; and our one-day Annual Conference to be held at a local location on June 24th where we will recognize our Leadership Class participants and induct our new Executive Committee. I look forward to seeing you, either in person or virtually, at these events.

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Take care and stay safe!

### Newslink January-February, 2021





### ANNUAL MDQI Conference Delivers for Transportation Industry

Even in a virtual environment, the annual MdQI Conference was another huge success. Celebrating the principles of partnering in transportation-related projects in Maryland, ACEC/MD member firms were once again among the firms that took top honors in this year's MdQI awards.

Award winning projects recognized included (ACEC/MD member firms in red):

### Planning Award

| Planning Awa | lia                                                                                                                                                                                                                                                     |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project:     | I-95 at Belvidere Road Interchange Planning Study                                                                                                                                                                                                       |
| Agency:      | MDOT MDTA and Cecil County                                                                                                                                                                                                                              |
| Scope:       | Planning study to determine what is needed to address an increase in traffic, safety concerns within the roadway network, and support economic development in the area, while providing an environmentally sensitive multi-modal transportation system. |
| Location:    | Belvidere Road and I-95 (between MD 222 and MD 272)                                                                                                                                                                                                     |
| Cost:        | \$2 million                                                                                                                                                                                                                                             |
| County/City: | Cecil County                                                                                                                                                                                                                                            |
| Firms:       | Stewart Companies- York, PA                                                                                                                                                                                                                             |
|              | WSP- Baltimore, MD                                                                                                                                                                                                                                      |
|              | KCI Technologies- Sparks, MD                                                                                                                                                                                                                            |
|              | Wallace Montgomery- Hunt Valley, MD                                                                                                                                                                                                                     |
| MBE/WBE Aw   | ard Construction                                                                                                                                                                                                                                        |
| Project:     | BWI Concourse A Improvements – Phase II                                                                                                                                                                                                                 |
| Agency:      | MDOT MAA                                                                                                                                                                                                                                                |
| Scope:       | Extension of existing BWI Concourse A, adding support for Southwest Airlines.                                                                                                                                                                           |
| Location:    | BWI Thurgood Marshall Airport, Concourse A                                                                                                                                                                                                              |
| Cost:        | \$48 million                                                                                                                                                                                                                                            |
| County/City: | Anne Arundel County                                                                                                                                                                                                                                     |
| Firm:        | Elite Wall Systems- Silver Spring, MD                                                                                                                                                                                                                   |
| MBE/WBE Aw   | ard Engineering                                                                                                                                                                                                                                         |
| Project:     | BWI Concourse A Improvements – Phase II                                                                                                                                                                                                                 |
| Agency:      | MDOT MAA                                                                                                                                                                                                                                                |
| Scope:       | Extension of existing BWI Concourse A, adding support for Southwest Airlines.                                                                                                                                                                           |
| Location:    | BWI Thurgood Marshall Airport, Concourse A                                                                                                                                                                                                              |
| Cost:        | \$48 million                                                                                                                                                                                                                                            |
| County/City: | Anne Arundel County                                                                                                                                                                                                                                     |
| Firm:        | Airport Design Consultants- Ellicott City, MD                                                                                                                                                                                                           |
| Subcontracto | r Award Construction                                                                                                                                                                                                                                    |
| Project:     | I-270 at Watkins Mill Road Interchange                                                                                                                                                                                                                  |
| Agency:      | MDOT SHA                                                                                                                                                                                                                                                |
| Scope:       | Construct a new interchange at I-270 and Watkins Mill road.                                                                                                                                                                                             |
|              |                                                                                                                                                                                                                                                         |

| J / -        |                                      |
|--------------|--------------------------------------|
| Scope:       | Construct a new interchange at I-27  |
| Location:    | Watkins Mill Road crossing of I-270. |
| Cost:        | \$110 million                        |
| County/City: | Montgomery County                    |
| Firm:        | W.F. Wilson and Sons- Elkridge, MD   |

С

| MDQI C                          | CONFERENCE AWARDS (CONTINUED)                                                 |  |
|---------------------------------|-------------------------------------------------------------------------------|--|
| Subcontractor Award Engineering |                                                                               |  |
| Project:                        | BWI Concourse A Improvements – Phase II                                       |  |
| Agency:                         | MDOT MAA                                                                      |  |
| Scope:                          | Extension of existing BWI Concourse A, adding support for Southwest           |  |
|                                 | Airlines.                                                                     |  |
| Location:                       | BWI Thurgood Marshall Airport, Concourse A                                    |  |
| Cost:                           | \$48 million                                                                  |  |
|                                 | Anne Arundel County                                                           |  |
| Firm:                           | The Sheward Partnership- Baltimore, MD                                        |  |
| r III II.                       | The Sheward Partnership- bartinole, MD                                        |  |
| Groon/Sustai                    | nability/Environmental                                                        |  |
| Project:                        | Northwest Bus Wash Water Reclamation System                                   |  |
| -                               | MDOT MTA                                                                      |  |
| Agency:                         |                                                                               |  |
| Scope:                          | Engineer and construct a new water reclamation system at the Northwest        |  |
| l a satis                       | Bush Wash Facility                                                            |  |
| Location:                       | Northwest Bush Maintenance Facility                                           |  |
| Cost:                           | \$0.3 Million                                                                 |  |
| County/City:                    | Baltimore City                                                                |  |
| Firms:                          | JMT- Hunt Valley, MD                                                          |  |
|                                 | Amtrac Railroad Contractors of Maryland- Hagerstown, MD                       |  |
| la a susti su                   |                                                                               |  |
| Innovation                      | MD 212 Deble server Old Mill Charges David                                    |  |
| Project:                        | MD 213 Bridge over Old Mill Stream Branch                                     |  |
| Agency:                         | MDOT SHA                                                                      |  |
| Scope:                          | New bridge structure over old Mill Branch utilizing an innovative Accelerated |  |
|                                 | Bridge Construction technique of lateral sliding.                             |  |
| Location:                       | Centreville, MD                                                               |  |
| Cost:                           | \$5.2 million                                                                 |  |
| County/City:                    | Queen Anne's County                                                           |  |
| Firm:                           | RK&K- Baltimore, MD                                                           |  |
|                                 | McLean Contracting Company- Glen Burnie, MD                                   |  |
| Partnoring                      | Project Under \$5 Million                                                     |  |
| -                               | •                                                                             |  |
| Project:                        | MD 845-A Keedysville Urban Reconstruction Project                             |  |
| Agency:                         | MDOT SHA                                                                      |  |
| Scope:                          | Urban Reconstruction Improvements to rehabilitate the existing roadway in     |  |
| 1                               | this historic town.                                                           |  |
| Location:                       | Keedysville, MD                                                               |  |
| Cost:                           | \$4.5 million                                                                 |  |
| County/City:                    | Washington County                                                             |  |
| Firms:                          | Wallace Montgomery- Hunt Valley, MD                                           |  |
|                                 | AMT-Towson, MD                                                                |  |
|                                 | A. J. Romano Construction- Laurel, MD                                         |  |
| Dartnaring                      | Draiget 65 Million to 610 Million                                             |  |
| -                               | Project \$5 Million to \$10 Million                                           |  |
| Project:                        | Bradshaw Road Bridge over I-95                                                |  |
| Agency:                         | MDOT MDTA                                                                     |  |
| Scope:                          | Construct a new Bradshaw road bridge over I-95                                |  |
| Location:                       | I-95 SB/NB and Bradshaw Road                                                  |  |
| Cost:                           | \$7.1 million                                                                 |  |
| County/City:                    | Harford County                                                                |  |
| Firms:                          | GPI- Rockville, MD                                                            |  |
|                                 | Stantec- Laurel, MD                                                           |  |
|                                 | SIX-M- Delta, PA                                                              |  |
|                                 |                                                                               |  |

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### **MDQI CONFERENCE AWARDS** (CONTINUED)



#### Modal Awards – Projects Under \$5 Million

County Engineers Association of Maryland (CEAM)

| Project:     | Jack Creek Shoreline Protection Project                                 |
|--------------|-------------------------------------------------------------------------|
| Agency:      | CEAM / Anne Arundel County                                              |
| Scope:       | Construct shoreline protection to enhance water quality and habitat and |
|              | provide coastal resiliency.                                             |
| Location:    | Jack Creek Park                                                         |
| Cost:        | \$1.6 million                                                           |
| County/City: | Anne Arundel County                                                     |
| Firm:        | BayLand Consultants & Designers- Hanover, MD                            |
|              | Shoreline Design- Edgewater, MD                                         |

#### MDOT MAA

| Project:     | Mathison Way Pavement Rehabilitation                                     |
|--------------|--------------------------------------------------------------------------|
| Agency:      | MDOT MAA                                                                 |
| Scope:       | Rehabilitation of Mathison Way, a critical road in serving airport cargo |
|              | tenants and airport Fire Dept.                                           |
| Location:    | BWI Thurgood Marshall Airport                                            |
| Cost:        | \$1.3 million                                                            |
| County/City: | Anne Arundel County                                                      |
| Firms:       | AECOM- Baltimore, MD                                                     |
|              | Michael Baker International- Linthicum, MD                               |
|              | Hill International-Washington DC                                         |
|              | Allan Myers- Fallston, MD                                                |

#### MDOT MDTA

| Project:<br>Agency: | JFK Maintenance II Building Renovations<br>MDOT MDTA                         |
|---------------------|------------------------------------------------------------------------------|
| Project:            | Renovate Maintenance II Building and comply with ADA Accessibility standards |
| Location:           | JFK Maintenance II Building, Elkton, MD                                      |
| Cost:               | \$2.2 million                                                                |
| County/City:        | Cecil County                                                                 |
| Firms:              | JMT- Hunt Valley, MD                                                         |
|                     | Whitman, Requardt and Associates- Baltimore, MD                              |
|                     | Fresh Air Concepts- Linthicum Heights, MD                                    |

CEC

# MDQI CONFERENCE AWARDS (CONTINUED)

| MDOT MPA      |                                                                              |
|---------------|------------------------------------------------------------------------------|
| Project:      | Agency Wide Stormwater Management Improvements                               |
| Agency:       | MDOT MPA                                                                     |
| Project:      | Identify and construct areas across MDOT MPA terminals that could be         |
|               | retrofitted to feature SWM best practices.                                   |
| Location:     | Fairfield Marine Terminal, Masonville Marine Terminal, South Locust          |
| Location.     | Point Marine Terminal and Intermodal Container Transfer Facility             |
| Cost:         | \$1.4 million                                                                |
|               |                                                                              |
| County/City:  | •                                                                            |
| Firms:        | WBCM- Towson, MD                                                             |
|               | P Flanigan and Sons- Baltimore, MD                                           |
| MDOT MTA      |                                                                              |
|               | Northun at Due Mash Mater De demostices Custom                               |
| Project:      | Northwest Bus Wash Water Reclamation System                                  |
| Agency:       | MDOT MTA                                                                     |
| Scope:        | Engineer and construct a new water reclamation system at the Northwest       |
|               | Bush Wash Facility                                                           |
| Location:     | Northwest Bush Maintenance Facility                                          |
| Cost:         | \$0.3 Million                                                                |
| County/City:  | Baltimore City                                                               |
| Firms:        | JMT- Hunt Valley, MD                                                         |
|               | Amtrac Railroad Contractors of Maryland- Hagerstown, MD                      |
|               |                                                                              |
| MDOT SHA      | ND 045 A Keeshee ille Lide op De soe steerstiere Desirat                     |
| Project:      | MD 845-A Keedysville Urban Reconstruction Project                            |
| Agency:       | MDOT SHA                                                                     |
| Scope:        | Urban Reconstruction Improvements to rehabilitate the existing roadway in    |
| 1 .··         | this historic town.                                                          |
| Location:     | Keedysville, MD                                                              |
| Cost:         | \$4.5 million                                                                |
| County/City:  | - ,                                                                          |
| Firms:        | Wallace Montgomery- Hunt Valley, MD                                          |
|               | AMT-Towson, MD                                                               |
|               | A. J. Romano Construction- Laurel, MD                                        |
| Modal Awara   | le Brojact Over & E Million                                                  |
| MOUAI AWAIC   | ls – Project Over \$5 Million                                                |
| Baltimore Cit | ty Department of Transportation (BCDOT)                                      |
| Project:      | Key Highway at Light Street Intersection Improvements                        |
| Agency:       | BCDOT                                                                        |
| Project:      | Reconfigure intersection, construct sidewalks, curb and gutter, ADA upgrades |
| ,             | and storm drains                                                             |
| Location:     | Key Highway from Covington Street to Light Street; Light Street from Lee     |
|               | Street to Montgomery Street                                                  |
| Cost:         | \$6.5 million                                                                |
| County/City:  | Baltimore City                                                               |
| Firms:        | STV- Baltimore, MD                                                           |
|               | Manuel Luis Contractors Co Baltimore, MD                                     |
|               |                                                                              |

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### MDQI CONFERENCE AWARDS (CONTINUED)

#### CEAM

| Project: Ellicott | city 2018 Flood – Ellicott Mills Drive Culvert and Road Repair                         |  |
|-------------------|----------------------------------------------------------------------------------------|--|
| Agency:           | CEAM/ Howard County                                                                    |  |
| Project:          | Construct precast concrete box culvert, widen stream channel, install retaining walls. |  |
| Location:         | Ellicott Mills Drive at Main Street (Frederick Road Route 144) Intersection            |  |
| Cost:             | \$6.7 million                                                                          |  |
| County/City:      | Howard County                                                                          |  |
| Firms:            | Wallace Montgomery- Hunt Valley, MD                                                    |  |
|                   | Allan Myers- Fallston, MD                                                              |  |
|                   |                                                                                        |  |

#### MDOT MAA

| Project:<br>Agency: | BWI Concourse A Improvements – Phase II<br>MDOT MAA                           |
|---------------------|-------------------------------------------------------------------------------|
| Scope:              | Extension of existing BWI Concourse A, adding support for Southwest Airlines. |
| Location:           | BWI Thurgood Marshall Airport, Concourse A                                    |
| Cost:               | \$48 million                                                                  |
| County/City:        | Anne Arundel County                                                           |
| Firms:              | Airport Design Consultants- Ellicott City, MD                                 |
|                     | WSP- Baltimore, MD                                                            |
|                     | Parsons Transportation- Glen Burnie, MD                                       |
|                     | Hensel Phelps- Tysons Corner, VA                                              |

### MDTA

| Project: Bradsha | aw Road Bridge over I-95                       |  |
|------------------|------------------------------------------------|--|
| Agency:          | MDOT MDTA                                      |  |
| Scope:           | Construct a new Bradshaw road bridge over I-95 |  |
| Location:        | I-95 SB/NB and Bradshaw Road                   |  |
| Cost:            | \$7.1 million                                  |  |
| County/City:     | Harford County                                 |  |
| Firms:           | GPI- Rockville, MD                             |  |
|                  | Stantec- Laurel, MD                            |  |
|                  | SIX-M- Delta, PA                               |  |

### MDOT MTA

| Project:     | MDOT MTA MARC BWI Rail Station             |
|--------------|--------------------------------------------|
| Agency:      | MDOT MTA                                   |
| Project:     | Construct a new Rail station               |
| Location:    | Linthicum, Maryland                        |
| Cost:        | \$7.2 million                              |
| County/City: | Anne Arundel County                        |
| Firms:       | AECOM- Baltimore, MD                       |
|              | Kimball Construction Company- Rosedale, MD |



# MDQL CONFERENCE AWARDS (CONTINUED)



MDOT SHA Project: I-270 at Watkins Mill Road Interchange Agency: MDOT SHA Scope: Construct a new interchange at I-270 and Watkins Mill road. Location: Watkins Mill Road crossing of I-270 Cost: \$110 million **Montgomery County** County/City: Firms: Wagman Heavy Civil-York, PA KCI Technologies- Sparks, MD Gannett Fleming- Baltimore, MD Whitman Requardt and Associates- Baltimore, MD WSP-Baltimore, MD JMT- Hunt Valley, MD **GPI-** Rockville, MD

MdQI Project of the Year - Under \$5 Million

| Project:  | Jack Creek Shoreline Protection Project                                                             |
|-----------|-----------------------------------------------------------------------------------------------------|
| Agency:   | CEAM / Anne Arundel County                                                                          |
| Scope:    | Construct shoreline protection to enhance water quality and habitat and provide coastal resiliency. |
| Location: | Jack Creek Park                                                                                     |

Cost: \$1.6 million

County/City: Anne Arundel County Firm: BayLand Consultants & Designers- Hanover, MD Shoreline Design- Edgewater, MD

MdQI Project of the Year - Over \$5 Million

| Project:     | BWI Concourse A Improvements – Phase II                                       |
|--------------|-------------------------------------------------------------------------------|
| Agency:      | MDOT MAA                                                                      |
| Scope:       | Extension of existing BWI Concourse A, adding support for Southwest Airlines. |
| Location:    | BWI Thurgood Marshall Airport, Concourse A                                    |
| Cost:        | \$48 million                                                                  |
| County/City: | Anne Arundel County                                                           |
| Firms:       | Airport Design Consultants- Ellicott City, MD                                 |
|              | WSP- Baltimore, MD                                                            |
|              | Parsons Transportation- Glen Burnie, MD                                       |
|              | Hensel Phelps- Tysons Corner, VA                                              |
|              |                                                                               |

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ACEC/MD congraulates all of the award winners.





# GOLF OUTING SILENT AUCTION ITEMS NEEDED

As part of ACEC/MD's CEPAC state fund raising efforts, ACEC/MD will for the first time conduct a virtual silent auction at the May 3, 2021 golf tournament. In order to make this effort a success, we need items to be donated by our member firms. This is a great opportunity to put your firm's name in front of the VIPs, clients and guests that attend this outing, while assisting in ACEC/MD's political action efforts.

Regarding the types of items that firms might want to consider contributing, please try to avoid ones that have a stated price value, unless they are items that are difficult for a person to purchase on their own at face value.

Following ACEC's model, half of the value of the winning bid will be counted toward the donating firm's CEPAC goal and the other half will go toward the successful bidder's goal. Please start planning what your firm's donated item will be and its declared value. Additional information will be forthcoming.

Thank you very much for considering this request, and assisting ACEC/MD's state political action efforts.

By authority: Steve Hawtof, CEPAC Chair



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### TIPS & TRICKS FOR CONTINUED SURVIVAL OF THE NEW NORMAL BROUGHT TO US BY COVID-19

The ACEC HR committee has compiled the following list of ideas to help employees not just survive but thrive during the continued new normal.

1. Employee Assistance Programs (EAP). Most companies will have an EAP that comes with their life insurance benefit. Check with your insurance broker. Advertise the EAP to your employees and inform them of the services available. Most EAPs have a few counseling sessions available for free to employees. Consider mailing an informational flier to the employee's home so it reaches all family members.

2. Ready, Set, Smile. Turn those cameras on during web meetings. We are all used to seeing our coworker's faces daily. It can help employees to feel more connected when we can see each other. So, turn those cameras on when you are having conversations and during meetings.

3. Socially distanced small group gatherings. We can still get together in person. Have small socially distanced group gatherings. When it's a little warmer, meet in your office parking lot for a department meeting or lunch.

4. Do something fun with your group. Organize a fun, nonwork related small group or virtual activity. There are many group activities available on the internet. Play Bingo, Family Feud, Minute to Win it, or one of the many other games available to have a good time.

5. Engage a professional to conduct a webinar presenting ways to cope with emotional issues that are plaguing many of us.

6. Reach out to your employees. Make sure that your group supervisors are contacting their direct reports on an individual basis to make sure they are doing OK, and if they are not doing OK, let them know it is OK to not be OK right now. It really helps to know that your supervisor cares.

7. Survey the staff. Conduct a survey to gauge the pulse of your employees. Is the company doing a good job communicating? Is the company being flexible and supporting the employee's work/life balance needs? Is the company providing the necessary tools and resources to ensure the employee's success?

8. Encourage employees to UNPLUG!!! Monitor paid time off utilization and encourage employees to take time off to decompress.

9. Communicate frequently! Make sure your employees know that you are in tuned to what is going on in the world, with consideration and thought given to how it impacts them and their families. We are all in this together!

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# ACEC RESEARCH INSTITUTE'S NEW ENGINEERING INDUSTRY PROFILE REPORT

The following information on the ACEC Research Institute's Industry Profile Report, that demonstrates the important impact of the engineering profession, was just released. If you have not already seen it, you will find the economic impact to be dramatic.

The ACEC Research Institute is excited to share this first-of-its-kind industry profile research that allows us to understand the size of the engineering sector within the context of the larger engineering and architectural services universe, and see what our industry contributes to the U.S. economy in terms of sales, jobs, direct economic impact and taxes paid. This study also includes state benchmarks for employment and wages.

Key Findings:

- The engineering and related design services sector drives \$386 billion in annual revenue.
- Engineering and architectural services employs more than 1.5 million Americans, about three percent of all American jobs.
- Engineering and related design services creates high paying jobs with an average annual salary of \$88,000, far exceeding the national average of \$60,300.
- The engineering services sector was significantly larger than the architectural services sector last year, with engineering services making up about two-thirds of the jobs.
- California, Texas, Florida, Michigan and New York comprise more than 40 percent of total U.S. A/E Industry employment.

Download and dive into this new research today—<u>2020 Engineering Industry Profile</u>. We hope you will find this new resource informative and useful. Please let us know if you have any questions.

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Daphne Bryant, Senior Vice President, Membership and MO Services, ACEC and Executive Director, ACEC Research Institute

# MEMBER FIRMS STEP UP TO SUPPORT ESB

Out of the 32 firms participating in the new ESB Vision Sponsors program, over half of the firms are ACEC/MD members. These firms have not only invested in seeing ESB through the pandemic, but in being the foundation of its future for generations to come. ESB not only welcomes these firms as members, but also as leaders within their society. For more information on the ESB Vision Sponsors program, please go to www. esb.org. Thank you to the following firms for demonstrating their strong support, and helping to preserve this jewel:

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AECOM Century Engineering EA Engineering ESD Associates James Posey Associates Johnson, Mirmiran & Thompson KCI Technologies Mead & Hunt PRIME AE Group RK&K Stantec Straughan Environmental Wallace Montgomery Whitney, Bailey, Cox & Magnani Whitman, Requardt & Associates Wilson T. Ballard Company WSP







# ACEC/MD AWARDED MINUTEMAN FUND GRANT TO SPOTLIGHT TRANPORTATION FUNDING SHORTFALL

ACEC has awarded a Minuteman Fund grant to ACEC/MD to help defray the cost of a public awareness campaign calling for additional state transportation funding. This \$5,000 grant from the fund was matched by contributions from ACEC/MD's member firms that totals \$5,850. These funds will be contributed to the Together for Transportation Funding (TTF) coalition, to assist in efforts to raise awareness in both the public and members of the General Assembly. ACEC/MD is a charter member and active participant in this coalition, which is fighting for holistic, sustainable funding to provide safe roads and highways and dependable, efficient mass transit.

In a recent letter to the General Assembly, to offset the severe strain on the Transportation Trust Fund (TTF) that has been exasperated by the COVI-19 pandemic, the coalition urged the following steps to minimize the disruption to Maryland's economy:

- Immediately shift money from the Reserve Fund to the TTF, earmarked for Fund 77, to address the current needs

- Restructure the gas tax to produce a consistent, sustainable flow of revenue sufficient to fund the engineering, construction and maintenance of the State's roads, bridges and highways

- Overhaul the revenue sources for the TTF by putting a floor on the price of wholesale gasoline, adding tires, batteries, or a freight tonnage tax

- Segregate the revenue sources for transit to a focused scope of the affected users, such as with a Regional Transportation Authority.

With the dramatic decline in the CTP projected to begin in the fiscal year that commences July 1, 2021, we very much appreciate the contributions made by the following firms that will help to ensure that the engineering profession's voice is heard:

> Century Engineering Gannett Fleming Johnson, Mirmiran & Thompson Specialized Engineering Stantec The Wilson T. Ballard Company Wallace Montgomery Whitney, Bailey, Cox & Magnani WSP

ACEC/MD has also been the past beneficiary of Minuteman Fund grants for issues like the taxation of professional services, certificate of merit and infrastructure funding. This fund supports local issues that have a national impact and it is funded by member firm contributions. Please consider contributing today.

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### AECOM'S ALAN STRAUS AND WILSON T. BALLARD Company's Ron Rye Recognized as ACEC/MD's Newest Fellows

It is with extreme pleasure that we acknowledge Alan Straus (AECOM) and Ron Rye, P.E. (The Wilson T. Ballard Company) as newly appointed Fellows of ACEC/MD.

Fellows are individuals who have been principals of an ACEC/MD member firm for not less than five years at the time of their election and shall have notably contributed to the advancement of consulting engineering in administrative leadership, design, science, by literature, in education or by service to the profession.

ACEC/MD past President Alan Straus, is a Senior Vice President of AECOM. Alan functions as the Chief Growth Officer for the Southeast Region. In this capacity, he oversees work and helps grow the firm in areas of Transportation, Water, Building and Places, and Construction Management.



Prior to his private sector experience, Alan started his public service career at the Maryland State Highway

Administration, serving as Project Engineer, Manager and Assistant Division Chief in the Office of Planning and Preliminary Engineering. Alan has worked on dozens of projects across Maryland and the US, including the Intercounty Connector. He currently supports the successful execution of AECOM's most complex projects, including, the Purple Line, Frederick Douglass Bridge, Arlington Memorial Bridge, Maglev, FEMA Relief Programs, DC Water Programs, and others.

Alan earned his Bachelor of Science in Civil Engineering from University of Maryland at College Park. He is currently the ACEC (national) Alternate Director, after previously serving in all the officer positions and as a Committee Chair and ACEC/MD Director.



Ronald Rye, of the Wilson T. Ballard Company, is a long-time ACEC/MD supporter and past chair of the County Government Liaison Committee. He received a BSCE degree from Virginia Tech in 1974 and a MCE degree from North Carolina State University in 1975, with a concentration in transportation engineering. While at Virginia Tech, Ron worked as a coop student at The Wilson T. Ballard Company and joined the Company as a design engineer in 1975. In 1994, he became president of the Company, and served in that position until September 2020. Major projects he has worked

on include the Intercounty Connector, MD 43, I-68, MD 450, and access studies for the Camden Yards stadiums and Redskins Stadium.

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# MEMBER NEWS

**DEWBERRY** has announced the following:

- **Torben Agesen, RLA**, a senior project manager, has been promoted to senior associate in the firm's Lanham, MD office

- *Alan Barney*, and *Curt Crouch*, senior project managers have been promoted to associates in the firm's Gainesville, VA office.

C.C. JOHNSON & MALHOTRA, P.C. (CCJM) recently announced that *Charles Poskas, PE* has been designated as the firm's ACEC/MD representative, and *Uday Patel* as its alternate.

**KCI TECHNOLOGIES, INC.** is pleased to announce that *William R. Roberts* has joined the firm as Chief Administrative Officer. His responsibilities in this new role will include overseeing administrative practices, facilitating integration during acquisitions and participating in top-level decision making.

**MUELLER ASSOCIATES** has announced the promotions of *Karen Schulte, PE, CPD, LEED AP BD+C* to project manager and *Lark Adams, LEED* to project designer. Both mechanical engineers have expertise working on major projects throughout the Mid-Atlantic.

**SCHNABEL ENGINEERING** recently promoted *Chadd W. Yeatts, PE* of Blacksburg, VA to Senior Associate/Senior Vice president. He will continue leading the firm's Power and Energy Pursuit team.

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# SEEKING INTERNSHIP

The following individual is seeking employment and has information on file in the ACEC/ MD office. Please phone 410-539-1592 if you are interested in obtaining a copy.

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Junior at UMBC majoring in Environmental Science and Geography is seeking internship. Individual is proficient in Revit, AutoCAD and Google Sketchup.



#### Newslink - January-February, 2021

#### OFFICERS

President Tony Frascarella, P.E. Century Engineering

Vice President Sean McCone, P.E. Johnson, Mirmiran & Thompson

Secretary James Deriu KCI Technologies

Treasurer Melinda Peters, P.E., CCM, DBIA RK&K

#### ACEC Representatives Director Stu Taub, P.E. Wallace Montgomery Alternate Director Alan Straus AECOM

**ACEC/MD Directors** 2018-2021 Derek Mostoller, P.E. **Gannett Fleming** Kathy Walsh, P.E. Stantec 2019-2022 Malini Glueck, P.E. **Phoenix Engineering** Heidi Van Luven, P.E. A. Morton Thomas & Associates 2020-2023 Rob Marchetti, P.E. McCormick Taylor Tony Mawry, P.E. Wallace Montgomery

Executive Director Jim Otradovec

#### 2020 ACEC/MD's

Engineering Excellence Grand Award Winner, designed by KCI Technologies, is the Town of Rising Sun Chester Water System Interconnect.

### **UPCOMING EVENTS**

### ACEC Annual Convention & Legislative Summit April 26-28, 2021

Virtual Registration is now open!

### **Annual Golf Outing**

May 3, 2021 Time Change! Shotgun 9am Watch for details!

### **Environmental Forum**

May 20, 2021 Virtual - Details to Follow

### ACEC/MD Annual Conference

June 24, 2021 One-day Program B&O Railroad Museum Details are being finalized!

For more information on these, and other events, please contact the ACEC/MD office at 410-539-1592, acecmd@acecmd.org, or go to www.acecmd.org. Mark your calendar and to plan to participate!

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contact: Jim Otradovec Executive Director AMERICAN COUNCIL OF ENGINEERING COMPANIES/ MARYLAND 8254 Bayside Drive Pasadena, MD 21122 Tel, 410-539-1592

