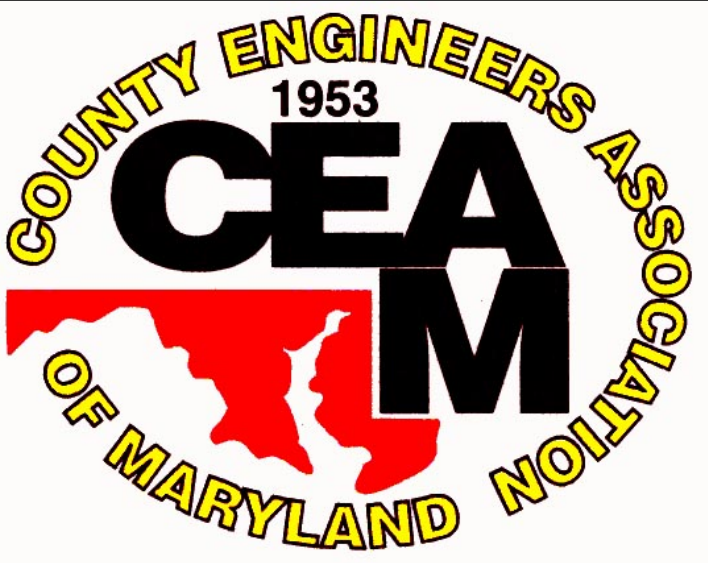




2022

CEAM AWARDS



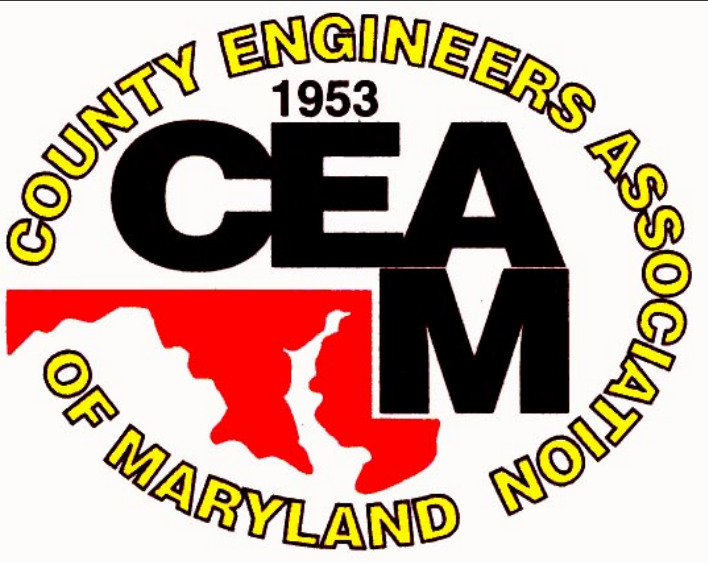
LIFETIME MEMBER

LIFETIME MEMBER



Ronald W. Rye, PE





LIFETIME MEMBER

LIFETIME MEMBER



Melvin C. (Chuck) Beall, Jr., PE





CEAM SERVICE AWARD

SERVICE AWARD



Andrew Eshleman, PE





**ASSOCIATE MEMBER
OF THE YEAR**

ASSOCIATE OF THE YEAR



Robert J. Gillespie, Jr., PE





COUNTY ENGINEER OF THE YEAR

COUNTY ENGINEER OF THE YEAR



Martin B. Covington III, PE





CONGRATULATIONS!

RONALD W. RYE

Ron received a BSCE degree from Virginia Tech in 1974 and an MCE degree from North Carolina State University in 1975. As a student at Virginia Tech, he participated in the cooperative education program, working at The Wilson T. Ballard Company.

In 1975, he began work full time at the Ballard Company, and continued there until his retirement in 2021. He joined the management team in 1981 and became president in 1994. Major projects on which he worked include NEPA studies for MD 43, MD 450, I-68 and Intercounty Connector and traffic studies for Camden Yards and Pocono Raceway. Clients with which he worked include Maryland State Highway Administration, Maryland Transportation Authority, Maryland Transit Administration, numerous Maryland Counties (Anne Arundel, Baltimore, Calvert, Cecil, Frederick, Harford, Howard, Kent, Montgomery, Prince George's, Saint Mary's) and PennDOT.

Ron has been a member of ITE, ASCE, ACEC and CEAM. He joined CEAM in the 1980s and served as Treasurer of the Scholarship Committee from 2004 through 2021.

Ron lives in Forest Hill, Maryland, with his wife Sue. Their two daughters, two sons-in-law and five grandchildren live within a 15-minute drive.

B I O – Melvin C. (Chuck) Beall, Jr.

Education: Bachelor of Science in Civil Engineering 1988, Johns Hopkins University

Registrations: P.E. - Maryland, No.16928, P.E. - Delaware, No.10640,
P.E. - Virginia, No. 0402050708, P.E. - West Virginia, No. 19822

W O R K H I S T O R Y

Mr. Beall started his seventeen (17) year career with John E. Harms, Jr. and Associates in 1976 gaining a diverse background of experience and knowledge performing inspections, survey, and geotechnical services, computer programming, and design. He designed state highways, water and sewer systems and all types of local infrastructure for governmental projects as well as residential, commercial, and industrial land development projects.

With over eighteen (18) years of public sector experience as Director of Planning and Growth Management for Charles County Government, Mr. Beall was responsible for performing executive planning and growth management work in directing the county's comprehensive and land use planning, environmental, engineering, building and infrastructure permit administration, and capital improvement programs. He acted as both the County Zoning Officer for land development and building construction as well as the County Engineer developing County regulations for design, specifications, and details for all building and infrastructure construction. He managed a capital improvement program with a \$400+ million budget with over 70 projects and was a key negotiator of economic development agreements on behalf of Charles County.

Mr. Beall spent over ten (10) years as part of the DMW Leadership Team as Senior Vice President working on strategic and succession planning and providing senior level engineering and project management for private sector and governmental projects before retiring December 31, 2021.

O T H E R A C T I V I T I E S

- Past President of the County Engineers Association of Maryland (2000)
- Speaker at 2006 Summer Maryland Association of Counties Conference (MACO) on Utility Relocations.
- Served on the 2008 Maryland Infrastructure Assessment Workgroup of the Task Force on Future Growth and Development
- Speaker at 2008 Spring Joint Chesapeake Section of the American Water Works Association and the Water Environmental Association on Financing and Executing Your Water Reuse Program
- Served on the 2010/2011 Maryland Water Reuse Committee
- Speaker at 2011 Winter MACO Conference on Challenges in Land Use Planning
- Pass Mentor for Chesapeake High School FIRST Robotics Team
- Previously assisted the Chesapeake High School Drama Club with the building of sets
- Served in numerous roles and positions for Church

A W A R D S R E C E I V E D

- 1997 and 2005 Quality of Life Award from the Southern Maryland Building Industry Association
- 2000 Public Sector Merit Award from the Charles County Economic Development Commission
- 2010 CEAM Meritorious Service Award

P E R S O N N E L I N F O R M A T I O N

- Like spending time with family
- Any sports, specifically auto racing
- Working with wood, including home remodeling and additions
- Travel
- Married to his wife Lisa for over 31 years with twin sons (Eric and Steven - 29), who attended Chuck's first CEAM Fall Conference in 1993 as babies, and a daughter (Tracey – 26)

Andrew Eshleman is the Director of Washington County's Division of Public Works. His responsibilities include overseeing five County Departments which include the Hagerstown Regional Airport, Highways, Parks and Recreation, Transit, and Buildings Grounds & Facilities. He enjoys working and contributing to a wide range of services and projects in Washington County and serves on a variety of boards and committees.

He is a graduate of the Pennsylvania State University with a Bachelor's of Science in Civil Engineering and the University of Maryland with a Masters of Engineering in Project Management.

He is a registered professional engineer in Maryland and has 15 years of experience in a variety of engineering fields and construction types. Prior to becoming the Public Works Director in 2018, Andrew worked in the Division of Engineering overseeing notable projects such as the design of the Professional Blvd road and bridge and several historic stone arch bridge rehabilitation projects. He lives north of Hagerstown in an 18th century farmhouse with his wife Ashley and four boys ages 8 and under. He enjoys involving them in restoration and home improvement projects.

ROBERT (ROB) GILLESPIE is a Manager, Transportation at RK&K. He has over 20 years of private sector experience in planning, engineering, and leading design teams to deliver transportation projects for County Public Works clients in Maryland and MDOT SHA. Rob is a registered Professional Engineer in Maryland and Pennsylvania, received his undergraduate degree in Civil Engineering from the University of Maryland, College Park. Rob previously served as an Associate Member Director and Conference Committee member for CEAM and is currently serving as CEAM Secretary and Chairperson for CEAM's MDOT SHA and MdQI Committees.

Rob has been happily married for 20 years to “the unofficial CEAM Yogi on the Beach” at our Fall Conferences – Susannah. They have two children – Ethan, a freshman attending Florida Atlantic University and Charlotte, a freshman in high school.

In his spare time, Rob enjoys being a golf hack, a bleacher coach to his daughter who plays varsity soccer and attempting to grow vegetables in his garden! :)

Christopher Heyn, P.E.
Director
410-386-2949, fax 410-386-2924
Toll-free 1-888-302-8978
MD Relay Service 7-1-1/1-800-735-2258



Department of
Land and Resource Management
Carroll County Government
225 North Center Street
Westminster, Maryland 21157

July 28, 2022

Matt Allen, PE, PTOE, CCM
CEAM Awards Committee Chair

Dear Mr. Allen:

The Carroll County Department of Land and Resource Management is respectfully nominating **Martin B. Covington, III, P.E.** for the CEAM 2022 County Engineer of the Year.

Martin has been the Carroll County stormwater program engineer for 26 years. During that time, he has been the guiding influence on stormwater management in the County and has provided technical assistance toward policy development with the Maryland Department of Environment. His dedication to the engineering field and the citizens of Carroll County is unwavering and I believe he should be recognized for his accomplishments.

Martin graduated from Virginia Tech with BS and MS Engineering Degrees in 1981 and 1986. He began his career at Whitney, Bailey, Cox & Magnani, LLC (WBCM), where he rose to the position of project manager of the Highway Department's Water Resources/Environmental Engineering Group.

In 1996, Martin joined Carroll County Government as the Stormwater Program Engineer. In this role he was the principal author of the Carroll County Stormwater and Floodplain Ordinances, Manuals, and checklists, including the Carroll Supplement to the 2000 Maryland Stormwater Design Manual and subsequent updates. He also collaborated in the creation of the Carroll County Floodplain Management Program. It was during this time that he helped found the Maryland Association of State and Floodplain Managers.

Martin manages the review of stormwater management plans and computations for proposed construction projects to protect the waters of the state from environmental degradation. His comprehensive reviews are in accordance with Federal, State, and local laws as well as best engineering practices. Martin is also responsible for the delegated review authority for structural integrity of small dams as authorized by the Maryland Department of the Environment.

During his career, Martin has been instrumental in developing innovative practices to address stormwater requirements. In 1998 he began experimenting with and monitoring design iterations of surface sand filters in an effort to proactively meet the requirements of the 2000 MD Stormwater Manual. The result of his research work resulted in an award-winning design that provides improved water quality, groundwater recharge, and extended detention in “dry” facilities, thus alleviating citizen concerns about mosquito habitat and “West Nile and Zika Viruses”. It has also become apparent through long term study and observation that the sand filter facilities dramatically change the receiving stream hydrology allowing streambank regeneration to occur without human intervention, essentially providing natural stream restoration.

Martin has been a key resource for the County in addressing National Pollutant Discharge Elimination System (NPDES) permit compliance. When the County received the first iteration of the permit requiring stormwater retrofits, Martin designed the first four facilities including the hydrologic and hydraulic modeling, engineering documentation, cost estimates, permitting, and construction inspection. He also was the project engineer for a complete watershed restoration project including eight separate projects that combined stream restoration, wetland creation, stormwater facility retrofit, fish passage barrier removal and water quality enhancements. Subsequently, he has remained technical advisor for the County’s continued efforts to meet permit requirements, including technical advisor for the team of consulting engineers that meet the demand for continued restoration practices.

Through his career, Martin has continuously contributed to the engineering community and public education. He has written or presented over a dozen professional papers, appeared on television, presented on the radio and through webcasts, and provided continuing education instruction. In 2002 he was presented with a National Association of Counties Achievement Award.

It is due to Martin’s dedication to engineering, his contributions to the field of stormwater management not only for the citizens of Carroll County, but for the Maryland engineering community, that I am proud to nominate him for Engineer of the Year. If you have any questions or would like additional information about our nomination, please do not hesitate to contact me.

Sincerely,



Christopher Heyn, P.E.
Director, Carroll County Department of Land and Resource Management

POSITION: Carroll County Stormwater Program Engineer

EDUCATION: MS/Civil Engineering - Virginia Tech/1986
BS/Mining Engineering - Virginia Tech/1981

PROFESSIONAL REGISTRATION: Civil Engineer/Maryland #16502/1988
Erosion & Sediment Control/Maryland #1594
(Licensed E & S Inspector #2437)
Certified Floodplain Manager #US-05-01381
Diplomate, Water Resources Engineer #00150

PROFESSIONAL ORGANIZATIONS: American Society of Civil Engineers
Society of American Military Engineers
(Past Scholarship Committee Chairman)
Society for Mining, Metallurgy and Exploration
County Engineer's Association of Maryland
Maryland Association of State Floodplain Managers
(Founding Member)

PROFESSIONAL EXPERIENCE:

- Experienced in all facets of highway, site development and hydraulics/hydrologic engineering, including road alignment studies, geometric layout and final design, deed work, property mosaics and plat preparation, hydraulic modeling, (HEC-RAS and HEC-2), stormwater management (TR-55 and TR-20), wetlands delineation, avoidance, minimization and mitigation, sediment and erosion control, ditch and culvert design, closed system design, stream restoration, preparation of contract documents, cost estimating, bidding, construction inspection, contract administration and permitting procedures.
- Has been accepted by the Circuit Court of Montgomery County and the Fourth Circuit Court of Appeals as an Expert Witness.
- Has completed Dave Rosgen's series of "Applied Fluvial Geomorphology and Stream Restoration" courses and used these techniques to design and construct multiple projects.
- Has published papers and spoken extensively to trade, professional and civic organizations, as well as through the mass media. Topics include flood control, water quality, groundwater recharge, and stormwater management design in the era of West Nile and Zika Viruses.
- Specializes in functional, aesthetically pleasing, integrated civil designs that protect the natural environment while minimizing the amount of developable land consumed to meet design objectives.

Carroll County Government – 1996 to Present:

Stormwater Program Manager responsible for program management and guidance including providing technical expertise in the development of regulations and policies. Responsible for review and approval of development plans for compliance with Federal, State, and local requirements as well as best engineering practices.

Whitney, Bailey, Cox & Magnani – 1987 to 1996:

Progressed from Transportation Staff Engineer to Project Manager of the WBCM Highway Department's Water Resources/Environmental Engineering Group. Responsibilities included hydrologic and hydraulic modeling, flood studies, permitting, and project management.

Technical Papers/Presentations:

- “Applications of Off-line Stormwater Management in the 100-year Floodplain”, DNREC’s 2000 Sediment & Stormwater Conference, Newark, DE.
- “Modified Sand Filter Design”, Association of School Board Officials, December 1999, Baltimore, MD. Maryland SHA SWM Workshop, June 2000, SHA Headquarters, Baltimore, MD, Key School, February 2002, Annapolis, MD. Mt. Joy Township Supervisor’s Meeting, April 2002, Mt. Joy Township, PA. VA Tech EWRI (ASCE) Conference, May 2002, Roanoke, VA.
- “Stormwater Management in Carroll County”, November 2001, Maryland Homebuilders’ Association, Woodlawn, MD. Carroll County Association of Surveyors, December 2001, Westminster, Md. Engineer’s Club of Baltimore, February 2002, Baltimore, MD.
- “Stormwater Management in the Era of West Nile Virus”, October 2002, DNREC’s 2002 Sediment & Stormwater Conference, Newark, DE.
- “Ditchline Sand Filter Design (Roadway Stormwater Management)”, September 2004, Low Impact Development Conference, College Park, MD.
- “Pervious Concrete Pavement”, 2004 and 2007, Maryland Redi Mix and Virginia Redi Mix conferences at Chaney Enterprises and Wetland Studies.
- “Stormwater Management Ponds, The Good, The Bad, and The Ugly”, 2008, Carroll County Resource Management Fall Seminar.
- “Implementing ESD to the MEP in Carroll County Maryland”, 2010, Carroll County Resource Management Fall Seminar.
- “Low Impact Development (LID), Environmental Site Design (ESD), Carroll County’s Approach”, 2013, MDE Conference, Washington County, MD.
- “Design Criteria to Protect Streambanks from Degradation”, 2016, Anne Arundel County Stormwater Management Task Force.
- “Receiving Streambank Regeneration through Restoration of Upland Hydrology”, 2016, Co-Authored with Byron Madigan, Water Resources Supervisor, Three (3) Presentations: MDE Workgroup, USWG, and WRCC.
- “Carroll County Maryland’s Regional Stormwater Management Strategy”, 2016, CWEA.
- “Dry Pond Retrofits with Sand Filter Technology”, MWCOG Workshop, 29 November 2016, Washington, DC.

Continuing Education Instructor:

- “Grass Channel Credit for Open Section Roadways”, August 2002, Carroll County Association of Surveyors, Westminster, Md.
- “Low Impact Development” (Environmental Site Design in Maryland), 2013 & 2014, Community College of Baltimore County Surveyor’s Course